ACCESSION: AA912807 ACCESSION: AU105973 ACCESSION: AU102521 ACCESSION: AU103074	ACCESSION: D25879 ACCESSION: AA020746	ACCESSION: AU106615 ACCESSION: BG497401 ACCESSION: R64664 ACCESSION: AI040713	ACCESSION: AU102524 ACCESSION: AU102535 ACCESSION: AU104437 ACCESSION: B00953	ACCESSION: AU102381 ACCESSION: AU105707 ACCESSION: H69549	ACCESSION: R70733 ACCESSION: AG200058	ACCESSION: AW24 / 861 ACCESSION: R89723	ACCESSION: N/1938 ACCESSION: H92874 ACCESSION: A807296	ACCESSION: AA199768 ACCESSION: AA812181 ACCESSION: H04332 ACCESSION: H95305	ACCESSION:R61212 ACCESSION:AA627434	ACCESSION: R07302 ACCESSION: AI202660 ACCESSION: A1468217 ACCESSION: AA054107	ACCESSION: W96297	ACCESSION:H14824 ACCESSION:R07988 ACCESSION:AG189036	ACCESSION: AA911358	ACCESSION: N77004 ACCESSION: T51409 ACCESSION: AA7137623 ACCESSION: H58423	ACCESSION:AA019796 ACCESSION:T81581 ACCESSION:AA868654	ACCESSION: H14827 ACCESSION: R85453	ACCESSION: H99413 ACCESSION: H45829	ACCESSION:N57774 ACCESSION:T95881	ACCESSION: T89869 ACCESSION: AI801185	ACCESSION: H43763 ACCESSION: AI088003	Th.		ACCESSION: AA810775 ACCESSION: BI112512	ACCESSION: H56911 ACCESSION: N80471	ACCESSION: 166163 ACCESSION: R92576 ACCESSION: A1039205		ACCESSION: N38850 ACCESSION: N38850	ACCESSION: T99092
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GenCore version 5.1.6 Copyright (c) 1993 - 2005 Compugen	ic - nucleic search, using sw model	January 26, 2005, 12:46:08; Searc (withou 3.732 M	US09966724B-2 core: 2372 1 GCACCGCGGAGCTTGGCTG	table: IDENTITY NUC Gapop 10.0, Gapext 0.5	: 148 seqs, 6293 residues	mber of hits satisfying chosen parameters:	DB seq length: 8 DB seq length: 100	cessing: Minimum Match 0% Maximum Match 100% Listing first 148 summaries	: rstdb:*	Pred. No. is the number of results predicted by score greater than or equal to the score of the and is derived by analysis of the total score di		å Query Score Match Length DB ID		22 22 20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2.9 2.8 82 2.7 75	2.5 70 1 2.4 75 1	2.4 73 1 2.4 59 1	53 2.2 62 1	8.4 2.0 50 1	6.8 2.0 50 1	2.0 58 1	5.4 1.9 55 1	1.9 50 1	1.9 50 1	1.8 54 1,	2000	42 1.8 50 1 42 1.8 50 1	1.8 55 1
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Tel: 617-495-1812 Fax: 617-495-8557 Email: dmelton@biohp.harvard.edu This read is a 3' RESEQUENCE of a previously sequenced pancreas clone Good hit to opposite strand readwrong orientation BUT PASSED FOR MOUSE-PANCREAS VERIFICATION Seq primer: -40PP from Gibco. FEATURES 1. 92 Coration/Qualifiers Coration/Qualifiers Coration/Qualifiers Coration/Gualifiers Co	Ouery Match 3.2%; Score 76; DB 1; Length 92; Best Local Similarity 89.1%; Pred. No. 1.5; Matches 82; Conservative 0; Mismatches 10; Indels 0; Gaps 0; Qy 2266 TAGAGACAGGGTTTCACCGTGTTAGCCAGGATCTCCTGACCTCGACCTCGTGATCCG 2325	LOCUS AA809831 B8 bp mRNA linear EST 19-FEB-1998 DEFINITION 0a40f1.1.s1 NCI CGAP GCB1 Homo sapiens cDNA clone IMAGE:1307469 3' similar to contains Alu repetitive element;, mRNA sequence. ACCESSION AA809831. GI:2879237 KEYNORDS EST. Homo sapiens (human) ORGANISM Homo sapiens (human) BLAATYOTA; MATAZOA; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhin; Hominidae; Homo. REFERENCE I (bases 1 to 88) AUTHORS NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap. TUMOR Gene Index. Tumor Gene Index.	COMMENT Contact: Robert Strausberg, Ph.D. GOMMENT Contact: Robert Strausberg, Ph.D. Email: cgapbs-r@mail.nih.gov Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman, Ph.D., Gerald Marti, M.D. CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima Bonaldo, Ph.D. CDNA Library Arrayed by: Greg Lennon, Ph.D. DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.B. Consortium/Libr at: www-bio.llnl.gov/bbrp/image/image.html Insert Length: 963 Std Error: 0.00 Seq primer: -domin fwd. ET from Amersham High quality sequence stop: 60. FEATURES Location/Qualifiers Source 188
ACCESSION: H41735 ACCESSION: T60701 ACCESSION: T60701 ACCESSION: H41155 ACCESSION: H41155 ACCESSION: H41155 ACCESSION: H410643 ACCESSION: H40643 ACCESSION: AZ309847 ACCESSION: R66723 ACCESSION: R66723 ACCESSION: R6723 ACCESSION: H46868 ACCESSION: H46868 ACCESSION: H46868 ACCESSION: H46868 ACCESSION: H46310 ACCESSION: H763106 ACCESSION: H763106 ACCESSION: H763106 ACCESSION: H63106 ACCESSION: H63190 ACCESSION: H63190	ACCESSION: 479.219 ACCESSION: 423.10123 ACCESSION: 423.10123 ACCESSION: H53.36 ACCESSION: H53.63 ACCESSION: H53.60 ACCESSION: H53.00 ACCESSION: N70.71 ACCESSION: N70.71 ACCESSION: AC3.90 ACCESSION: AC3.90 ACCESSION: AC3.91 ACCESSION: AC3.91 ACCESSION: AC3.91 ACCESSION: AC3.01.93 ACCESSION: AC3.01.93 ACCESSION: AC3.91.93 ACCESSION: AC3.91.93 ACCESSION: AC3.91.93	linear EST 11 clone IMAGE:508573	Chordata; Craniata; Vertebrata; Euteleostomi; Primates; Catarrhini; Hominidae; Homo. L., Clifton, S., Hillier, L., Marra, M., Pape, D., Blistain, A., Schmitt, A., Theising, B., Bennett, J., Cardenas, M., Gibbons, M., Tsagareishvili, R., Williams, T., Jackson, Y. and ias EST Project yy ton, Klaus H. Kaestner, & Hiroshi Inoue Constrium Howartium Howartium Callular Biology, 7 Divinity Ave, Cambridge,
	0.09 0.09 0.09 0.09 0.09 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.08 0.09	619 108.x5 HR85 isler sequence. 1619 1619.1 GI:448375	Howe baplens Bukaryota, Metazoa; Chordata; Craniata; Vertebrata; E. Bukaryota, Metazoa; Chordata; Catarrhini; Hominidae; I. (Dases 1 to 92) Melton, D., Meadows, A., Clifton, S., Hillier, L., Marra, Melton, D., Martin, J., Blistain, A., Schmitt, A., Theisin, Ritter, E., Ronko, I., Bennett, J., Cardenas, M., Gibbons, McCann, R., Cole, R., Tsagareishvili, R., Williams, T., J. WashU-Harvard Pancreas EST Project Unpublished (2000) Contact: Douglas Melton, Klaus H. Kaestner, & Hiroshi Endocrine Pancreas Consortium Endocrine
109 109 109 109 109 109 109 109 109 109	11111111111111111111111111111111111111	RESULT 1 CK820619 LOCUS DEFINITION ACCESSION VERSION KEYWORDS	

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Email: cgapberrement: Christopher Moskaluk, M.D., Ph.D., Michael R. Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Ph.D., Ph.D., Ph.D., Ph.D., Ph.D., CDNA Library Preparation: M. Bento Soares, Ph.D., CDNA Library Arrayed by: Greg Lennon, Ph.D., DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-GGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LINL at: www-bio.llnl.gov/bbrp/image/image.html
Insert Length: 571 Std Brror: 0.00
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 73.
Location/Qualifiers
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93 bp mRNA linear EST 09-JUN-1998
oj61d08.s1 NCI CGAP Kid3 Homo sapiens cDNA clone IMAGE:1502799 3'
similar to contains Alu repetitive element;, mRNA sequence.
AA894819
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Gaps
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/organism="Homo sapiens"
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                                                                   /clone="IMAGE:1307469"
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Matches 80; Conserv
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SOURCE

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Email: est@watson.wustl.edu
Insert Size. 1068
High quality sequence stops: 75 Source: IMAGE Consortium, LLNL This
clone is available royalty-free through LLNL; contact the IMAGE
Consortium (infc@dimage.llnl.gov) for further information.
Insert Length: 1068 Std Brror: 0.00
Seq primer: -21m13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                18762 BY bp mRNA linear EST 17-MAR-1995 yd91b12.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:115583 3' similar to contains Alu repetitive element;, mRNA
a modified polylinker; Site_I: Not I; Site_2: Eco RI; 1st carrand cDNA was primed with a Not I - oligo(dT) primer, double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. mRNA source: 2 pooled kidneys. Library went through one round of normalization. Library constructed by Bento Soares and M. Patima Bonaldo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
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The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Fax: 314 286 1800
                                                                                                                                                                                                               Length 93;
                                                                                                                                                                                                                                                            13; Indels
                                                                                                                                                                                                            Score 72.2; DB 1;
Pred. No. 2.1;
0; Mismatches 13;
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                                                                                                                                                                                                               Query Match 3.0%;
Best Local Similarity 86.0%;
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Homo sapiens
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T87662.1 GI:716014
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61 CCAAAGTGCTGGGATTACAGGTGTGAG 87
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                                                                                                                                                                                                                                                                                                                  87 bp mRNA linear EST 07-DEC-2000
DP0792 KRIBB Human DP intrathymic T-cell cDNA library Homo sapiens
AW063866
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I (basea I to 87).

Goh, S.-H., Park, J.-H., Lee, Y.J., Lee, H.G., Yoo, H.-S., Lee, I.-C., Park, J.-H., Kim, Y.-S. and Lee, C.-C.

Gene expression profile and identification of differentially expressed transcripts during human intrathymic T-cell development by CDNA sequencing analysis

Genomics 70 (1), 1-18 (2000)
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   Library
                                                                                                                                                                3 TIGAGACGGAGTITCACCAIGTIGGCCAGGAIGGTCTCAAICTCTIGACCTCGIGAICCG
                                                                                                                                          2266 TAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCCG
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Cell_type="Intrathymic T-cell"
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/clone_lib="KRIBB Human DP intrathymic T-cell cDNA
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Oun-dong 52, Yu Sung-Gu, Daejon 305-333, Republic of Korea
Teas: 82-42-860-4473
and Eco RI sites of the modified pT7T3 vector. L went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo.
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                                                                         DB 1; Length 87;
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Pred. No. 2.7;
0; Mismatches 11; Indels
                                                                                                         9; Indels
                                                                      3.0%; Score 71.2; DE
89.4%; Pred. No. 2.2;
ative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1. .87
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                              2326 CCCACCTCGGCCTCCCAAAGTGCTG 2350
                                                                                                                                                                                                                                   CCCACCTCGGCCTCCAAAGTNCTG 87
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Seg primer: T7
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Homo sapiens
                                                                  Query Match 3.0
Best Local Similarity 89.4
Matches 76; Conservative
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Best Local Similarity 87.4
Matches 76; Conservative
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Butheria; Primates; Catarrhin; Hominidae; Homo.

1 (bases 1 to 82)

1 (hases 1 to 82)

2 Hiller,L., Allen,M., Bowles,L., Dubuque,T., Geisel,G., Jost,S., Kucaba,T., Lacy,M., Le,N., Lemnon,G., Marra,M., Marrin,J., Morce,B., Schellenberg,K., Steptoe,M., Tan,F., Theising,B., White,Y., Wyle,T., Materston,R. and Wilson,R. Washu-Merck EST Project 1997

1 Unpublished (1997)

1 Contact: Wilson RK Washington University School of Medicine

4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Fax: 314 286 1800
AA425898 BOARES OVARY LUMOR NDHOT HOMO SADIENS CDNA CLONE IMAGE:769594 3' Similar to contains Alu repetitive element;, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2322
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Seq primer: -41ml3 fwd. ET from Amersham.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="mRNA"
/db_xref="GDB:5979464"
/db_xref="taxon:9606"
/clone="IMAGE:769594"
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                                                                                                                                 AA425898.1 GI:2107821
                                                                                                                                                                                   Homo sapiens (human)
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Best Local Similarity
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/dov stage="3 day"
/dev stage="3 day"
/dev stage="3 day"
/dev stage="3 day"
/lab host="slectroTen Blue cells"
/done lib="TqMB49 3 day invitro bradyzoite"
/done standscribed using Superscript II and an anchoro aste, oligo dT primer, containing a NOTI restriction and conditions to standard protocols. Blunt second strand cDNA was digested with NOTI restriction endonuclease, purified and size fractionated with a SizeSep 400 spun column (Ameraham) and directionally cloned into the Smal and NotI sites of pBluescript SK. Following electroporation into BlectronTen Blue cells (Stratagene), 5 x 106 primary CTW were bottle amplified in semisolid culture media (ZxLB+15% SeaPrep agarosed (BMA)].
After 48 hrs at 30 degrees Celcius, cells were harvested,
                                                                                    SM Toxoplasma gondi:

Eukaryota; Alveolata; Apicomplexa; Coccidia; Eimeriida;

Sarcocystidae; Toxoplasma.

1 (bases 1 to 75)

Tang, K., Cole, R., Fogarty, S., Sibley, L.D., Ajioka, J.A., White, M.,

Clifton, S., Pape, D., Martin, J., Wyle, T., Dante, M., Marra, M.,

Hiller, L., Kucaba, T., Trangling, B., Bowers, Y., Gibbons, M.,

Ritter, E., Bennett, J., Franklin, C., Tesgareishvili, R., Ronko, I.,

Kennedy, S., Maguire, L., Waterston, R. and Wilson, R.

Toxoplasma EST Project

Unpublished (2001)

Contact: Clifton, S.

Toxoplasma EST Project
Washington University School of Medicine

Washington Park Parkway, Box 8501, St. Louis, MO 63108, USA

Tel: 314 286 1810
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: toxo@watson.wustl.edu
Contact David Sibley (toxoest@borcim.wustl.edu) for further
information relating to organism, libraries, or clone availability.
Seq primer: -40PF From Gibco.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   75 CCGTGTTAGCCAGGATGGTCGCGATCTCCTAACCTCATGATCCACCCGTCTTGGCCTCC 16
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Lambda ZAP Express Homo sapiens cDNA
REPETITIVE ELEMENT ALU, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               pooled and stored in 2xLB + 15% glycerol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          7; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Toxoplasma gondii"
/mol_type="mRNA"
/db_xref="taxon:5811"
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0; Mismatches
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clone JOS79 5' similar to
N84707
                        CB384159.1 GI:29133455
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                                                                     Toxoplasma gondii
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Best Local Similarity
Matches 68; Conserv
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/wold-type="mixto" septems
/wold-type="mixto" septems
/db xref="mixto" septems
/db xref="mixto" septems
/clone="J0579" septems septems
/lab host="B. coli XL1-Blue"
/clone lib="Human fetal heart, Lambda ZAP Express"
/clone lib="Human fetal heart, Lambda zAP Express"
/hote="Tvector: Lambda ZAP Express; Site 1: EcoRI; Site 2:
Xhot; mixto was synthesized using a XhoI-Oligo dT
adaptor-primer. BcoRI adaptors were ligated, followed by
digestion with XhoI, for directional cloning into
predigested lambda ZAP Express."
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(bases 1 to 75)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,B., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         70 ririgiaccerragradadargegerricaccarerrageccaegargercrearerecre 11
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Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE CONSOrtium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2253 TTTGTACTTTTAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Gaps
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 60.4; DB 1; Length 70;
Pred. No. 5.6;
0; Mismatches 6; Indels
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                                                                                                           Contact: Liew CC
Brigham and Women's Hospital
Harvard Medical School
75 Francis St. Boston, MA 02115, USA
Tel: 6177328915
Fax: 6177950995
Email: cliew@rics.bwh.harvard.edu
Seq primer: GAAATTAACCCTCACTAAAGGG.
                                                                                                                                                                                                                                                                                                                                                                                                       organism="Homo sapiens"
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High quality sequence stop: 253.
                          Liew, C.C.
CDNAs from fetal heart (1996)
Unpublished (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             The WashU-Merck BST Project
Unpublished (1995)
Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            l Similarity 91.4%;
64; Conservative
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Homo sapiens (human)
Homo sapiens
(bases 1 to 70)
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Best Local Similarity
Matches 64; Conserv
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Location/Qualifiers

Wed Jan 26 12:47:34 2005

source

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2158
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone_lib="Wuchereria bancrofti L3 cDNA (SAW96MLW-WbL3)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Nematoda; Chromadorea; Spirurida; Filarioidea;
                                                                                                                                                                                       /clome_lib="Soares_multiple_sclerosis_2NbHMSP"
/note="Vector: pT773D (Pharmacia) with a modified
polylinker V TYPE: phagemid; Site_1: Not I; Site_2: Eco
RI: lst strand cDNA was primed with a Not I - oligo(dT)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TGAGACAGAGTCTCACTCTGTCACCCAGGCTGAAGTGCAGTGGACTATCTTGGCTCACTG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 2.4%; Score 57.4; DB 1; Length 75; Best Local Similarity 85.3%; Pred. No. 7.8; Matches 64; Conservative 0; Mismatches 11; Indels
                                                                                                                          tissue_type="multiple sclerosis lesions"
                                                                                                                                                /dev_stage="Age 46"
/lab_host="DH10B (ampicillin resistant)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Steven A. Williams
Molecular Parasitology
Smith College Department of Biological Sciences
Department of Biological Sciences, College, Northampton, MA, 01063, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="mRNA"
/db_xref="taxon:6293"
/clone="swwbl3cAw02A02"
/dev_stage="L3 infective stage larvae"
/lab_host="XL1-Blue MRF'"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      organism="Wuchereria bancrofti"
organism="Homo sapiens"
|mol_type="mRNA"
|db_xref="GDB:3898285"
                                                               xref="taxon:9606"
                                                                                   clone="IMAGE:279909"
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Location/Qualifiers
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1 (bases 1 to 73)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: genome@smith.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CK725590.1 GI:42579128
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Wuchereria bancrofti
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         61
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CK725590/c
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셤 8

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/clone="IMAGE:548134"
/dev stage="Ntera-2/RA+MI neuroepithelial cells"
/lab_host="SOLR (kanamycin resistant)"
/clone lib="Stratagene neuroepithelium NTZRAMI 937234"
/note="Vector: pBluescript SK-; Site_1: ECORI; Site_2:
Xho1; Cloned unidirectionally. Primer: Oligo dT. NTZ
(Ntera-2/C1.D1) precursor cells induced with Retinoic
(Ntera-2/C1.D1) precursor cells induced with Retinoic
Acid for 1 week, followed by 3 weeks in mitotic inhibitors
(Replate #2). Average insert size: 1.1 kb; Uni-ZAP XR
                                                                                                                                                                                                                                                                                                                                                                                                                                          2307 CTCCTGACCTCGTGATCCGCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAG 2366
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AA082835 Stratagene neuroepithelium NT2RAMI 937234 Homo sapiens cDNA clone IMAGE:548134 3' similar to contains Alu repetitive
/note="Vector: Lambda Uni-ZAP XR; Site_1: Eco RI; Site_2: Xho I; Lymphatic filarial nematode parasite of humans.mRNA was prepared from approximately 8,000 L3 isolated from mosquitcs in Cairo. Egypt and converted to double-stranded cDNA using reverse transcriptase and colgo(dT) followed by RNase H and DNA pol I. The library has 1.0 x 10E6 independent recombinants and the average insert size is ~900 bp. The library was constructed by Michelle. Lizotte-Waniewski. The library is available from Dr.S.A.Williams, email: genome@smith.edu."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Bukaryofa; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 59)

Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B., Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Trevaskis,E., Underwood,K., Wohldmann,P., Waterston,R., Wilson,R. and Marra,M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           73 CTCCTGACCTCGTGATCCGCCCTCCTCGGCCTCTCAAAGTGCTGCAATTACAGGCGTGAG
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Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                        2.4%; Score 57; DB 1; Length 73; 92.3%; Pred. No. 7.9; 1tive 0; Mismatches 5; Indels
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/organism="Homo sapiens"
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/db_xref="GDB:3926650"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          element;, mRNA sequence.
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Best Local Similarity
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AA082835
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/tissue_type="brain, presumably cortex"
/dev_stage="adult"
/lab_host="spicurian Coli (TM) XL-10-Gold"
/clone_lib="Chimpanzee brain library Koos"
/note="Vector: pUChi; Site 1: Sfil-A; Site 2: Sfil-B; The library was prepared using the SMART cDNA library construction Kit (Clontech), doing only primer extension, but not PCR amplification of the cDNA. The only deviation from the published protocoll was that we cloned the cDNA into a plasmid Vector."
                                                                                                               Pan troglodytes (chimpanzee)
Pan troglodytes
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Pan.
(Dases 1 to 62)
Hellmann,I., Zollner,S., Enard,W., Ebersberger,I., Nickel,B. and
                                                                                                                                                                                                                                                                                                                             Selection on human genes as revealed by comparisons to chimpanzee
                                                                                                                                                                                                                                                                                                                                                                          General Res. (2003) In press
Contact: Paabo S
Evolutionary Genetics
Bx-Planck-Institute for evolutionary Anthropology
Deutscher Platz 6, 04103 Leipzig, Germany
Tel: +49-(0)-341-3550 55
Fax: +49-(0)-341-3550 55
Email: paabo@eva.mpg de
Seq primer: M13 reverse.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /mol_type="mRNA"
/db_xref="taxon:9598"
/clone="12B22046_rev_1_G08_r_068.ab1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       organism="Pan troglodytes"
                                                            GI:28623467
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 2.2
Best Local Similarity 91.8
Matches 56; Conservative
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I (bases I to 61)
Mitchell, R.S. Beitzel, B.F., Schroder, A.R.W., Shinn, P., Chen, H., Berry, C.C., Ecker, J.R. and Bushman, F.
                                                                                                                                                                                                 2261 TITAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGT 2319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               9
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                                                                                                                                                Gaps
                                                                                                                                                                                                                                        TTTAGTAGAGACGGGGTTTCACCATGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGT
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Vector; ~5' adaptor sequence: 5' GAATTCGGCACGAG 3' adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTT 3'"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Unpublished (2004)
Contact: Frederic Bushman
Contact: Frederic Bushman
Salk Institute Infectious Disease Laboratory
The Salk Institute for Biological Studies
10010 N. Torrey Pines Road, La Jolla, CA 92037, USA
Fax: 858 534 100 x1630
Fax: 858 554 0341
Email: bushman@salk.edu
                                                                                       DB 1; Length 59;
                                                                                                                                             Indels
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Pred. No. 8.9;
0; Mismatches
                                                                                    2.4%; Score 55.8; DE 96.6%; Pred. No. 7.8; tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Class: PCR with specific primers.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens (human)
Homo sapiens
                                                                        Query Match
Best Local Similarity 96.67
Matches 57; Conservative
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Best Local Similarity 93.4%
Matches 57, Conservative
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KEYWORDS
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CB298037/c
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Therefore, Eucheria, Primates, Catarrhini; Hominidae, Homo.

(Dases 1 to 55)

Brenner,S., Williams,S.R., Vermass,E.H., Storck,T., Moon,K.,

McCollum,C., Mao,J.I., Kirchner,J.J., Eletr,S., DuBridge,R.B.,

Burcham,T. and Albrecht,G.

In vitro cloning of complex mixtures of DNA on microbeads: Physical separation of differentially expressed cDNAs

Proc. Natl. Acad. Sci. U.S.A. 97 (4), 1665-1670 (2000)

20144098
                                                                                                            2256 GTACTTTTAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACC 2315
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                                                                                                                                            62 GTATTTTTAGTAGAGATGGGGTTTCACCATGTTAGCCAGGATGGTTTCGATCTCCTGACC
                                                            Gaps
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0
2.2%; Score 53; DB 1; Length 62; 91:8%; Pred. No. 11; tive 0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                    linear
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LEBell.yg DNC15 Homo sapiens cDNA, mRNA sequence.
AW059824
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EST 30-JUL-1996

20

COMMENT

Bource

FEATURES

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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 63)
Okubo, K., Fukushima, A., Yoshii, J., Nijyama, T., Kojima, Y., Yoshinari, H., Arimoto, J. and Mateubara, K.
Toshinari, H., Arimoto, J. and Mateubara, K.
Gene expression of human promyelocytic cell line HL60 before and after induction of differentiation. A new application of 3'directed
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 50 bp mRNA linear EST 28-JAN-2004 AU104029 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone KAIAR1572, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CDNA sequencing
Unpublished (1993)
Contact: Okubo,K., Pukushima,A., Yoshii,J., Niiyama,T., Kojima,Y.,
Contact: Okubo,K., Pukushima,A., Yoshii,J., Niiyama,T., Kojima,Y.,
Coshinari,H., Arimoto,J. and Matsubara,K.
Institute for Molecular and Cellular Biology
Gsaka University
3-1 Yamada-oka,Suita,Osaka 565,Japan.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 50)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.,
Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
EMBO Rep. 2 (5), 388-393 (2001)
                                                                                                                                      D19954 1. 63 bp mRNA linear EST 30-JUL-1
HUMGS00916 Human promyelocyte Homo sapiens cDNA clone mm08g09 3'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2261 TTTAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone="mmo8g09"
/clone lib="Human promyelocyte"
//otte="Female, adult, cell_line = HL60, cell_type = promyelocyte"
DB 1; Length 63;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="mRNA"
/db_xref="taxon:9606"
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AU104029.1 GI:13553550
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                                                                                                                                                                                                                                     D19954.1 GI:500270
                                                                                                                                                                                           mRNA sequence
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COMMENT
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PUBMED
COMMENT
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AU104029
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KEYWORDS
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                                                                                            RESULT 16
D19954/c
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1-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
1-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan

Bmail: yauzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library, Gene 200 (1-2),
149-156 (1997).
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                                                                                                                                                                                                                                                 /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="texon:9606"
/cell_lipe="THP-1 (TIB-202)"
/coll_line="THP-1 (TIB-202)"
/colne_lip="DNC15"
/note="Vector: pGR2.1; Cloning of PCR products from micro-beads carrying 3' end of down-regulated cDNA. THP-1 cells non-induced (treated with DMSO only)."
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AU103190 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
AU103164, mRNA sequence.
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1 (Abasea 1 to 50)
Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J., Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K., Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites
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            LYNX Therapeutics, Inc. 25861 Industrial Blvd., Hayward, CA 94545, USA 25861 Industrial Blvd., Hayward, CA 94545, USA 25861 Industrial Blvd., Hayward, CA 94545, USA Fax: 510 670 9302
Email: timD@lynxgen.com
Sequence obtained from LYNX Therapeutics Megasort technology. Collected from the down-regulated gate.
High quality sequence stop: 55.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 48.8; DB
Pred. No. 15;
0; Mismatches
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2.0%; Score 48.4; D
Best Local Similarity 98.0%; Pred. No. 14;
Matches 49; Conservative 0; Mismatches
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/organism="Homo sapiens"
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Contact: Burcham TS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 2.1
Best Local Similarity 96.2
Matches 50, Conservative
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DEFINITION

4U103190

à 셤 ACCESSION VERSION KEYWORDS SOURCE ORGANISM

REFERENCE AUTHORS

MEDLINE PUBMED COMMENT

FEATURES

JOURNAL

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Gaps

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Matches

Wed Jan 26 12:47:34 2005

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DEFINITION
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R09768
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/clone lib-"PAX3 CASTing Library 'ev'"
/clone Gerested with Sau3AI, ligated to ds linkers, and enriched for binding to human PAX3 CAP, protein using a whole Genome PCR-based strategy. DNA fragments containing putative PAX3 CAP, binding sites were amplified by PCR and cloned into pGRM-T Easy (Promega). The ligation products were transformed into DH10B electrocompetent cells (Life
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AZ755874 61 bp DNA linear GSS 01-MAR-2001 ev10d06.xl PAX3 CASTing Library 'ev' Homo sapiens genomic clone ev10d06 random, genomic survey sequence.
Department of Virology
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Smail: Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Identification of Target Genes Regulated by PAX3 and PAX3--FKHR in Embryogenesis and Alveolar Rhabdomyosarcoma Genomics 79 (3), 278-284 (2002)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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National Institute on Deafness and Other Communication Disorders,
National Institutes of Health
5 Research Court, Room 2A-15, Rockville, MD 20850, USA
Tel: 301 402 7580
Fax: 301 496 7882
                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2265 GTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGAC 2314
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 GTAGAGATGGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGAC S0
                                                                                                                                                                                                                                                                                                                             /clone_lib="Sugano Homo sapiens cDNA library"
                                                                                                                                                                                                                                                                                                                                                                           Length 50;
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Seg primer: -21M13 forward primer (ABI)
Class: random plasmid subclone.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                        2.0%; Score 46.8; I 96.0%; Pred. No. 17;
                                                                                                                                                                                                                                  organism="Homo sapiens"
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                                                                                                                                                                                                                                                        /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="KAIAR1572"
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/db_xref="taxon:9606"
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                                                                                                                                                                                     Location/Qualifiers
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AZ755874.1 GI:13175300
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                'sex="Male"
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Best Local Similarity
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cr58f11.x1 Human bone marrow stromal cells Homo sapiens cDNA clone BG939604
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/note="Vector: pBluescript; Site_1: EcoR1; Site_2: XhoI;
mRNA made from human bone marrow stroma, cDNA made by
oligo-dr priming. Directionally cloned. Size-selected for
average insert size >0.5 kb. Library constructed by Dr.
Marian Young and Dr. Pamela Gehron Robey (NIDCR). Library
supplied by Dr. Libin Jia (NHGRI)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Jia,L., Young,M.F., Powell,J., Yang,L., Ho,N.C., Hotchkiss,R.,
Robey,P.G. and Francomano,C.A.
Gene expression profile of human bone marrow stromal cells:
high-throughput expressed sequence tag sequencing analysis
Genomics 79 (1), 7-17 (2002)
                                                      Gaps
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Plate: S8 row: f column: 11
Seq primer: -21M13 forward primer (ABI).
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Libin Jia
Medical Genetics Branch
National Human Genome Research Institute
10/10C101, 9000 Rockville Pike, Bethesda, MD 20892-1267, USA
Tel: 301-402-4877
Fax: 301-496-7157
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                                                                                                   2320 GATCCGCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCA 2369
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     Length 61;
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/dev_stage="mixed"
/lab_host="XL1-Blue_MRF'/SOLR"
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  DB 1;
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89.3%; Pred. No. 19;
iive 0; Mismatches
                          19,
                                                 0; Mismatches
     Score 46.8;
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                          Pred. No.
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/db_xref="taxon:9606"
/clone="HBMSC_cr58f11"
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2.0%;
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                    Local Similarity 96.0
hes 48; Conservative
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Query Match
Best Local Si
Matches 48;
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ORGANISM

REFERENCE AUTHORS TITLE JOURNAL

COMMENT

ACCESSION VERSION KEYWORDS SOURCE

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Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
S.2, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/,
Tel:82-42-866-7181, Pax:82-42-860-4409)
clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the RED process and may have higher chance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AU103186 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone COLE7376, mRNA sequence.
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Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Smail: Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo.Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
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Bukaryota.

Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J.,

Hata, H., Ota, T., Isogai, T., Tanaka, T., Morishita, S.,

Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.

Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites

BEBO Rep. 2 (5), 388-393 (2001)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2318 GTGATCCGCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCG 2372
                          Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J., Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H. BAC end sequences of Library RP-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            55 GTGATCCACCCACCTCGGCCTCCCATAGTGGTGAGATGACAGGCATGAGCCACGG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1. .55
/organism="Pan troglodytes"
/organism="Pan constant by a genomic DNA"
/mb_xref="taxon:9598"
/clone="RP43-081J06.T7"
/sex="mall_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1; Length 55;
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89.1%; Pred. No. 20;
tive 0; Mismatches
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R.Site 1 : EcoRI
R.Site 2 : ECORI.
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                                                                                                      Unpublished
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cell-derived Alu RNA transcript, (rRNA); gb:J03171 INTERFERON-ALPHA
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1 (Dases I to 6.1)
14111er,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hulman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
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Pan troglodytes
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
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Fan troglodytes DNA, clone: RP43-081J06.T7, genomic survey
                                                                                                                                                                                                                                                                                                                                                                       Unpublished (1995)

Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@wastson.wustl.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1; Length 61;
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83.3%; Pred. No. 19;
ive 0; Mismatches
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/mol_type="mRNA"
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db_xref="taxon:9606"
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Conservative
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                                                                                                                    Homo sapiens (human)
                                                                      R09768.1 GI:761691
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Tag Library Lactococcus lactis
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
1-ength-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.
I (bases 1 to 50)
Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J., Bata, H., Ota, T., Isogai, T., Tanaka, T., Morishita, S., Okubo, K., Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.
Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites
mapping of S. (5), 388-393 (2001)
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/organism="Homo sapiens"
/mol_type="mRNA"
/mol_type="mRNA"
/clone="ADKA01882"
/clone="ADKA01882"
/clone_lib="Sugano Homo sapiens cDNA library"
                               1 TCGATCTCCTGACCTCGTGATCTGCTCGCCTCGGCCTCCCAAAGTGCTGG
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LLMGtags MG1363 Random Sequence Tag Library Lacton
subsp. cremoris genomic, genomic survey sequence.
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Best Local Similarity 94.0%; Pred. No. 19;
Matches 47; Conservative 0; Mismatches
                                                                                                                     1.9%; Score 45.2; D
larity 94.0%; Pred. No. 19;
Conservative 0; Mismatches
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Lactococcus lactis subsp. cremoris
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/organism="Homo sapiens"
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Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Email: yeuzukielms.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugamo,S. Construction and characterization of a full
Iength-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
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Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites
EMBO Rep. 2 (5), 388-393 (2001)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /gub_species="cremoris"
/db xref="taxon:1359"
/clone_lib="WG1363 Random Sequence Tag Library"
/note="Vector: pSGW15, Site 1: Smal; Library of
chromosomal fragments of L.Tactis strain MG1363 was
prepared by partial Alul digestion or by sonication.
Bacteria; Firmicutes; Lactobacillales; Streptococcaceae;
                                                            1 (bases 1 to 56)
Bolotin,A., Ehrlich,S.D. and Sorokin,A.
Studies of genomes of dairy bacteria Lactococcus lactis
Sci. Aliments (2002) In press
Contact: Sorokin A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /organism="Lactococcus lactis subsp. cremoris"
/mol type="genomic DNA"
/strain="MG1363"
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                                                                                                                                                                                                                                                                                                                      Tel: 33 1 34 65 25 16
Fax: 33 1 34 65 25 21
Email: sorokine@jouy.inra.fr
best homologue in strain IL1403 is pi304 (95%)
                                                                                                                                                                                                                                                                                              Domaine de Vilvert, 78352 Jouy
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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High quality sequence start: 30
High quality sequence stop: 56.
Location/Qualifiers
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                                                                                                                                                                                                                                             50 bp mRNA linear EST 28-JAN-2004 AU106333 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone NBLAN5250NL1, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Department of Virology
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8619, Japan
Email: yeuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
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1 (bases 1 to 50)

Suzuki, Y., Taira, H., Faunoda, T., Mizushima-Sugano, J., Sese, J., Hata, H., Ota, T., Isogai, T., Tanaka, T., Morishita, S., Okubo, K., Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.

Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites

BEBO Rep. 2 (5), 388-393 (2001)
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Lactococcus lactis subsp. cremoris
Bacteria; Firmicutes; Lactobacillales; Streptococcaceae;
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/clone="NBLAN526NR1"
/clone_lib="Sugano Homo sapiens cDNA library"
               /clone lib="Sugano Homo sapiens cDNA library"
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                                                      DB 1; Length 50;
                                                                                            Indels
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1 (bases 1 to 54)
Bolotin,A., Ehrlich,S.D. and Sorokin,A.
                                                    1.9%; Score 44.2; D
93.9%; Pred. No. 21;
cive 0; Mismatches
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/clone="COLF0583"
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AU106333.1 GI:13555854
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                                                                                          46; Conservative
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Matches 46; Conserv
                                                    Query Match
Best Local Similarity
Matches 46; Conserv
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BH770627/c
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Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Bustitute of Medical Science, University of Tokyo
Busit: yauzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
Inength-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997)
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammala; Butheria; Primates; Catarrhini; Hominidae; Homo.

I (bases 1 to 50)
Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,
Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,
Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S., Okubo,K.,
Diverse transcriptional initiation revealed by fine, large-scale
mapping of mRNA start sites
EMBO Rep. 2 (5), 388-393 (2001)
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/organism="Lactococcus lactis subsp. cremoris"
/mol type="ganomic DNA"
/strain="MG1363"
/sub species="cremoris"
/db xref="taxon:1359"
/clone lib="MG1363 Random Sequence Tag Library"
/note="Wector: pSGWU2; Site 1: Smal; Library of
chromosomal fragments of L.lactis strain MG1363 was
prepared by partial AluI digestion or by sonication.
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Studies of genomes of dairy bacteria Lactococcus lactis
Sci. Aliments (2002) In press
Contact: Sorokin A
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|db_xref="texaon:966"
|db_xref="texaon:9606"
|Clone="HRC02580"
|clone_lib="Sugano Homo sapiens cDNA library"
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                                                                                                                                                                         Tel: 33 1 34 65 25 16
Pax: 33 1 34 65 25 21
Email: sorokine@jouy.inra.fr
best homologue in strain IL1403 is ynbD (46%)
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                                                                                                                                                    Domaine de Vilvert, 78352 Jouy
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/organism="Homo sapiens"
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Best Local Similarity
Matches 45; Conserv
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2266 TAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACC 2315
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AU102529
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Department of Virology
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Yr. Yoshitomo-Nakagawa,Kr. Maruyama,Kr. Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
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1 (bases I to S).

Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J., Hata, H., Ota, T., Isogai, T., Tanaka, T., Morishita, S., Okubo, K., Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.

Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites
                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 50)
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Diverse transcriptional initiation revealed by fine, large-scale
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/clone_lib="Sugano Homo sapiens cDNA library"
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                                                                                 TTTAGTAGAGACGGGGTTTCACCGTGTTGTCCAGGATGGTCTCCATCCC
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                       4; Indels
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   Pred. No. 22;
0; Mismatches
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/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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EMBO Rep. 2 (5), 388-393 (2001)
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                     46; Conservative
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Best Local Similarity
Matches 46; Conserv
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AUTHORS
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Department of Virology
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Smail: Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitchon-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Department of Virology
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Email: yalzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitcono-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a S'-end-enriched cDNA library. Gene 200 (1-2),
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Loases 1 to 50)

Suzuki,Y., Taira,H.

Bata,H., Ota,T., Isogai,T., Mizushima-Sugano,J., Sese,J.,

Rata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K.,

Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.

Biverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites

EMBO Rep. 2 (5), 388-393 (2001)
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                                                                                                                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="twan:9606"
/db_cref="NBLAN137NR1"
/clone_lib="Sugano Homo sapiens CDNA library"
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91.8%; Pred. No. 25;
tive 0; Mismatches
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1.8%; Score 42; DB
Best Local Similarity 90.0%; Pred. No. 26;
Matches 45; Conservative 0; Mismatches
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/organism="Homo sapiens"
EMBO Rep. 2 (5), 388-393 (2001)
21270072
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Location/Qualifiers
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                                                                               Contact: Yutaka Suzuki
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Best Local Similarity
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Best Local Similarity
Matches 46; Conserv
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AUTHORS
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AA912807
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                                                                                      50 bp mRNA linear EST 28-JAN-2004
AU107537 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone
ADSE01344, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
1-6-1. Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997):
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 50)
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 55)
                                                                                                                                                                                                                                                                                                                                      Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J., Hata,H., Ota,T., Isogai,T., Tanaka,T., Morishita,S., Okubo,K., Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S. Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites
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National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
This clone is available royalty-free through LLNL; contact the
INAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
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1 TAGAGACAGGGTTTCACCATGTTGGTCAGGCTGGTCTCGAGCTCCTGACC 50
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/organism="Homo sapiens"
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/mol_type="taxon:9606"
/clone="ADSE01344"
/clone_lib="Sugano Homo sapiens cDNA library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 TITITIGAGACAGAGICIGGCICTGTIGICAGCCIGGAGIGGCT
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90.0%; Pred. No. 26;
ive 0; Mismatches
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Homo sapiens
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TITLE
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/Clone lib="Soares NFL T GBC S1"
/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; Equal amounts of plasmid DNA from three normalized libraries (fetal lung NbHL19W, testis NHT, and B-cell NCI CGAP GCB1) were mixed, and 8s circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 297480-302087, 682632-687239, 726408-728711, and 729096-731399. Subtraction by Bento Soares and M. Fatima Bonaldo. "
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/lab host="DH108"
/clone_lib="Soares NFL_T_GBC_SI"
/note="Organ: pooled; Vector: pTT73D-Pac (Pharmacia) with a modified polylinker; Site_1: Not I; Site_2: Eco RI; Bqual amounts of plasmid DNA from three normalized libraries (fetal lung NbHL19W, testis NHT, and B-cell NCI CGAP GCBI) were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 46)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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Unpublished (1997)

Unpublished (1997)

Contact: Robert Strausberg, Ph.D.

Email: cgapbe-r@mail.nih.gov

This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.lnl) gov) for further information.

Trace considered overall poor quality

Insert Length: 408 Std Error: 0.00

Seq primer: -40mils fwd. Er from Amersham

High quality sequence stop: 1.

Location/Qualifiers
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Insert Length: 1251 Std Error: 0.00
Seg primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
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86.8%; Pred. No. 28;
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/db_xref="taxon:9606"
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/organism="Homo sapiens'
                                                                                                                                                                                    /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1540551"
/lab_host="DH108"
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149-156 (1997)
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tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 297480-302087, 682632-687239, 726408-728711, and 729096-731399. Subtraction by Bento Soares and M. Fatima Bonaldo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Email: Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Yi., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
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                                                                                                                                                                                                                                                                                                                                           AU105973 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone KAIA0757, mRNA sequence.
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AU102521 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone CAS01916, mRNA sequence.
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1. (bases 1 to 50)
Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J., Hata, H., Ota, T., 18091, T., Tanaka, T., Morishita, S., Okubo, K., Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.

Diverse transcriptional initiation revealed by fine, large-scale
                                                                                                                                                                         Gaps
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/clone_lib="Sugano Homo sapiens cDNA library"
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                                                                                                                                    DB 1; Length 46;
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; Pred. No. 29;
0; Mismatches
                                                                                                                                1.7%; Score 41.2; D
llarity 93.5%; Pred. No. 27;
Conservative 0; Mismatches
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/mol_type="mRNA"
/db_xref="taxon:9606"
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EMBO Rep. 2 (5), 388-393 (2001)
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Homo sapiens
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Best Local Similarity 88.0
Matches 44; Conservative
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tes 43; Conserv
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Institute of Medical Science, University of Tokyo
Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitcon-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
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Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi, Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.

1 (Dases 1 to 50)
Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J., Bata,H., Tsunoda,T., Morishita,S., Okubo,K., Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S., Okubo,K., Diverse transcriptional infitation revealed by fine, large-scale mapping of mRNA start sites

EMBO Rep. 2 (5), 388-393 (2001)
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1 (basea 1 to 50)

Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J., Hata, H., Ota, T., Isogai, T., Tanaka, T., Morishita, S., Okubo, K., Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.

Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites

EMBO Rep. 2 (5), 388-393 (2001)
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/db_xref="taxon:9606"
/clone="CAS01916"
/clone_lib="Sugano Homo sapiens cDNA library"
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/db_xref="taxon:9606"
/clone="LNG07378"
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Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                               Contact: Yutaka Suzuki
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HUMGS05672 Human colon mucosa Homo sapiens cDNA clone cm2335 3',
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(Dases 1 to 52)
Okubo,K., Yoshii,J., Yokouchi,H., Kameyama,M. and Matsubara,K.
odbal analysis of gene expression in colon mucosa: a large scale unpublished (1994)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 50)
1 Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chissoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Hukkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Mardis, E., Moore, B., Morris, M., Soares, M.B., Tan, F., Thierry-Meg, J., Treyaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R.
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Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)
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Se63d09.al Soares retina NZD4HR Homo sapiens CDNA clone
IMAGE:363665 3' similar to gb:X83795_rnal INDUCIBLE MEMBRANE
PROTEIN R2 (HUMAN);, mRNA sequence.
                                                                                                                                                                                                          2316 TCGTGATCCGCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGA 2365
                                                                                                                                                                                                                                                     1 TIGIGATCCGCCCGCCTTGACCTCCCAAAGTGCTGGGATGACAGGCGTGA 50
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/note="Adult male, tissue_type = colon mucosa
/clone_lib="Sugano Homo sapiens cDNA library"
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                                                                    DB 1; Length 50;
                                                                                                                                            6; Indels
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                                                                 th 1.7%; Score 40.4; E Similarity 88.0%; Pred. No. 30; 44; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="cm2335"
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AA020746.1 GI:1484528
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Best Local Similarity 93.3%;
Matches 42; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Homo sapiens (human)
Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  D25879.1 GI:500543
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    mRNA sequence.
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                                                                 Query Match
Best Local Similarity
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DEFINITION
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ORGANISM
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SOURCE
ORGANISM
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VERSION
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JOURNAL
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AUTHORS
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AUTHORS
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KEYWORDS
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Bukaryota, Metazoa, Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

(Dases 1 to 50)

Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J.,

Hata,H., Otta,T., 16ogai,T., Tanaka,T., Morishita,S., Okubo,K.,

Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.

Diverse transcriptional initiation revealed by fine, large-scale

EMBO Rep. 2 (5), 388-393 (2001)
                                                                                               Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 4318 Std Error: 0.00
Seq primer: -40M13 fwd. from Amersham
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                 Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 40; DB 1; Length 50;
Pred. No. 31;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2330 CCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCG 2372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               3; Indels
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Department of Virology
Institute of Medical Science, University of Tokyo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            50 CCTCGGCCTCNCAAAGTGCTGGGATTNCAGGCNTGAGCCACCG 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Mismatches
                                                                                                                                                                                                                                                                       1. .50
/organism="Homo sapiens"
/orl type="man"
/db_xref="qDB:1280368"
/db_xref="taxon:9606"
/clone="IMAGE:363665"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AU106615.1 GI:13556136
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Best Local Similarity 93.0%;
Matches 40; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                     /sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens (human)
Contact: Wilson RK
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Wed Jan 26 12:47:34 2005

Pred. No.

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organism="Homo sapiens"

/mol_type="mRNA"
/db xref="taxon:966"
/db xref="taxon:966"
/clone="IMAGE:4660076"
/clone="IMAGE:4660076"
/lab host="DH10B (T1 phage-resistant)"
/clone lib="NHH MGC_59"
/note="Organ: lung; Vector: pDNR-LIB (Clontech); Site_1: SfiI (ggccgctcggcc); Site_2: SfiI (ggccattatggcc);
SfiI (ggccgctcggcc); Site_2: SfiI (ggccattatggcc);
Double-stranded cDNA was prepared from cell line RNA, and 3' adaptors were used in cloning as follows: 5' adaptors were used in cloning as follows: 5' adaptor sequence: 5'-ACGGCCATTATGGCC-3' and 3' adaptor sequence: 5'-ACGGCCATTATGGCC-3' and 3' adaptor sequence: 5'-ATTATAGAGCCGCAGCAGCCGCCATATGGCC-3' adaptor sequence: 5'-ATTATAGAGCCGACATATGGCC-3' and 3' adaptor full-length clones and was constructed by Clontech full-length clones and vector full-length clones and vector full-length clones and clones and clones a
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).
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I (Dases 1 to 52)
NIH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: cgapbs-remail.nih.gov
Tissue Procurement: ATCC
CDNA Library Preparation: CLONETECH Laboratories, Inc.
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
plate: LLCM1456 row: o column: 21
High quality sequence stop: 52.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                        1..50
/organism="Homo sapiens"
/mol_type="mRNA"
/mol_type="mRNA"
/clone="COLF5363"
/clone_lib="Sugano Homo sapiens cDNA library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3 TITITITAGAGTTTAGTCTTGCTCTGTCGCCCAGTCTGGAGTGCAGTG 50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.7%; Score 40; DB 1; Length 50; 89.6%; Pred. No. 31;
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Matches 43; Conservative
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                                                                                                                                                                                                                                                                                                 source
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AUTHORS
TITLE
JOURNAL
COMMENT
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KEYWORDS
SOURCE
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1.7%; Score 40; DB 1; Length 52;

Query Match

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double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Ecored into the Not I and Eco RI sites of the modified pTyT3 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo. "
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                                                                                                                                                                                                                               EST 26-MAY-1995
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I (Dases 1 to 52)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
                                                                                                                                                                                                                        R64664
yi22al2.sl Soares placenta NDZHP Homo sapiens cDNA clone
IMAGE:139966 3' similar to gb|MR998|HUMALCD133 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M14170 ALKALINE
PHOSPHATASE, PLACENTAL TYPE 3 PRECURSOR (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Fax: 314 286 1800
Fax: 314 286 1800
Email: est@watson.wustl.edu
High qality sequence starts: 1
High qality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Gaps
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                                                                                              5 TGCCACCACCACGCTAATTTTTTGTATGTTTAGTAGAGACGGGTTT
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                              5; Indels
                           0; Mismatches
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30.8%; Pred. No. 33;
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/mol_type="mRNA"
/db_xref="GDB:551852"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          db_xref="taxon:9606"
/clone="IMAGE:139966"
/sex="Female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Seg primer: Promega -21ml3
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
                                                                     2231 TGCCACCACACCTGGCTAATTT
  89.68;
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42; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens (human)
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Best Local Similarity 89.6
Matches 43; Conservative
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Best Local Similarity
Matches 42; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens
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DEFINITION
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JOURNAL
COMMENT
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KEYWORDS
SOURCE
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2263 TAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTG 2312
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PUBMED
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VERSION
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AUTHORS
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PUBMED
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                                                                                                                                                                                                                                                                                                                                         Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

(Dases 1 to 48)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index

Unpublished (1997)
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AU102524 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone COL07268, mRNA sequence.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.

    (bases 1 to 50)

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (inft@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1176 Std Brror: 0.00
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
                                                                A1040713
A2040713
A1040713
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Pred. No. 34;
0; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1657432"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /dev_stage="8-9 weeks"
/lab_host="DH10B"
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Homo sapiens
                                                                                                                                                                                                                                                                                         sapiens (human)
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Homo sapiens
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Best Local Similarity
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RESULT 43
AI040713
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AU102524
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Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Bmail: ysuuxikalma.u-tokyo.ac.jp
Suzuki, Y., Yoshitomo-Nakagawa, K., Maruyama, K., Suyama, A. and
Sugano, S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
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Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzuki@ims.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
149-156 (1997).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.

1 (bases 1 to 50)
Suzuki,Y., Taira,H., Tsunoda,T., Mizushima-Sugano,J., Sese,J., Hata,H., Otca,T., 18ogai,T., Tanaka,T., Morishita,S., Okubo,K., Sakaki,Y., Nakamura,Y., Suyama,A. and Sugano,S.
Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites
EMBO Rep. 2 (5), 388-393 (2001)
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                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="mRNA"
/db_xref="taxon:9606"
/clone="COL07268"
/clone_llb="Sugano Homo sapiens cDNA library"
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86.0%; Pred. No. 35;
ive 0; Mismatches
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1.6%; Score 38.8; D
Best Local Similarity 86.0%; Pred. No. 35;
Matches 43; Conservative 0; Mismatches
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/organism="Homo sapiens"
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mapping of mRNA start sites
EMBO Rep. 2 (5), 388-393 (2001)
21270072
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AU102535.1 GI:13552056
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                                                                                                                         Contact: Yutaka Suzuki
                                                                                                                                                Department of Virology
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Best Local Similarity 86.0
Matches 43, Conservative
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SOURCE

REFERENCE AUTHORS

MEDLINE PUBMED

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DEFINITION

ACCESSION VERSION KEYWORDS

RESULT 46

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AU104437

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50 bp mRNA linear EST 28-JAN-2004 AU102381 Sugano Homo sapiens cDNA library Homo sapiens cDNA clone ADSE01351, mRNA sequence.
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Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoku, Tokyo 108-8639, Japan
Email: ysuzukiéjms.u-tokyo.ac.jp
Suzuki,Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /note="Vector: gCos-1; Human Chromosome 11 specific cosmic
library prepared from flow sorted human Chromosome 11
derived from Chinese Hampster Ovary (CHO) monochromosomal
somatic cell hybrid, J1"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

(bases 1 to 50)

Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J., Hata, H., Ota, T., Isogai, T., Tanaka, T., Morishita, S., Okubo, K., Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.
                                                                                                                                                                                                                                                                                                                                                            /sex="female" /cell_type="chimeric hamster somatic cell hybrid" /clone lib="cSRL flow sorted Chromosome 11 specific cosmid"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2260 TITIAGIAGAGACAGGCTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCC 2310
        5323 Harry Hines Blvd, Dallas TX 75235-8591
Tel: 214-648-1660
Fax: 214-648-1666
Email: gevans@utsw.swmed.edu, shane@mcdermott.swmed.edu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxno:9606"
/db_xref="taxno:9608"
/clone="ADSE01351"
/clone_lib="Sugano Homo sapiens cDNA library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.6%; Score 38:8; DB 1; Length 51;
34.3%; Pred. No. 35;
Ive 0; Mismatches 8; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1; Indels
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Best Local Similarity 97.5%; Pred. No. 36;
Matches 39; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="genomic DNA"
/db_xref="taxon:9606"
/clone="cSRL-122d10"
                                                                                                            Seg primer: T7
Class: cosmid ends
High quality sequence stop: 51.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   mapping of mRNA start sites .
EMBO Rep. 2 (5), 388-393 (2001)
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AU102381.1 GI:13551901
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Yutaka Suzuki
Department of Virology
Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Basil: ysuzuki@ima.u-cokyo.ac.jp
Suzuki.Y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
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1 (bases 1 to 51)
Evans, G.A., Burbee, D., Davies, C., Hahner, L., Oliver, T., Gilbert, M., Jones, D., Mard, T., Gillilan, E., Schagemann, J., Probst, S., Kharis, J., DeFord, J., McFarland, J., Burzinski, K., Khan, M., Kupfer, K. and Garner, H.
                                                                                                                                                                    EST 28-JAN-2004
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1 (bases 1 to 50)

Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J., Hata, H., Ota, T., Isogai, T., Tanaka, T., Morishita, S., Okubo, K., Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.

Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites

EMBO Rep. 2 (5), 388-393 (2001)
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Unpublished (1996)
Ochtact: Evans GA, Shane Probst
McDermott Center for Human Growth and Development
University of Texas Southwestern Medical Center At Dallas
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1.6%; Score 38.8; DB 1; Length 50; 86.0%; Pred. No. 35; ive 0; Mismatches 7; Indels
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/db_xref="taxon:9606"
/clone="ZRV6C553"
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REFERENCE AUTHORS

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Institute of Medical Science, University of Tokyo
Institute of Medical Science, University of Tokyo
Enall: Walkrokanedai, Minatoku, Tokyo 108-8619, Japan
Email: yeuzukiems.u-tokyo.ac.jp
Suzuki,y., Yoshitomo-Nakagawa,K., Maruyama,K., Suyama,A. and
Sugano,S. Construction and characterization of a full
length-enriched and a 5'-end-enriched cDNA library. Gene 200 (1-2),
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1 (basea 1 to 50)

Suzuki, Y., Taira, H., Tsunoda, T., Mizushima-Sugano, J., Sese, J., Hata, H., Ota, T., Isogai, T., Tanaka, T., Morishita, S., Okubo, K., Sakaki, Y., Nakamura, Y., Suyama, A. and Sugano, S.

Diverse transcriptional initiation revealed by fine, large-scale mapping of mRNA start sites
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 43)
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       2372
                                                                        40
                                      CGGCCTCCCAAAGTGCTGGGATTCCAGGCATGAGCCACG
2333 CGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCG
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93.0%; Pred. No. 37;
ive 0; Mismatches
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/organism="Homo sapiens"
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Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 680
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLML
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (antodomage.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 680 Std Error: 0.00
Seq primer: Promega -21m13
High quality sequence stop: 1.
Location/Qualifiers
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

(Dases 1 to 37)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
Generation and analysis of 280,000 human expressed sequence tags Genome Res. 6 (9), 807-828 (1996)
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37 bp mRNA linear EST 01-JUN-1
y146612.r1 Soares placenta ND2HP Homo sapiens cDNA clone
IMAGE:142295 5' similar to gb/M87914 HUWALNE461 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M92424 MDM2 PROTEIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   constructed by Bento Soares and M.Fatima Bonaldo."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 1.6%; Score 37.4; DB 1; Length 43; Best Local Similarity 90.5%; Pred. No. 37; Matches 38; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2331 CTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCG 2372
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1. .43
/organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /mol_type="mRNA"
/db_xref="GDB:3785319"
/db_xref="taxon:9606"
/clone="IMAGE:212478"
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The WashU-Merck EST Project
Unpublished (1995)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /sex="male
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                                                                                                         Contact: Wilson RK
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of clone tracking errors. PRIMERS
                                                                             Vector
R.Site 1
R.Site 2
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Hoon, S. T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submitssion
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
S2, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail:kribb.re.kr, VRL:http://phs.grc.kribb.re.kr/,
Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Pan.
                                                                                          Email: estewateon.wustl.edu
Insert Size: 872
High quality sequence starts: 1
High quality sequence stops: 1
Source: INAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@mage.llnl.gov) for further information. Insert Length: 872 Std Brror: 0.00
Seq primer: MINRPI
High quality sequence stop: 1.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         /dev_stage="placenta obtained at birth (full term)"
|lab_host="DH10B (ampicillin resistant)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AG200058 43 bp DNA linear GSS 06.
Pan troglodytes DNA, clone: RP43-081N02.TJ, genomic survey
                    Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1.6%; Score 37; DB 1; Length 37;
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                                                                                                                                                                                                                                                                                                                                    organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                    /mol_type="mRNA" __r
/db xref="GDB:551310"
/db xref="taxon:9606"
/clone=rIMAGE:142295"
/sex="Female"
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Contact: Wilson RK
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Matches 37; Conservative
                                                       Tel: 314 286 1800
Fax: 314 286 1810
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  COMMENT
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Email: cgapbs-remail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Tissue Procurement: DCTD/DTP CDNA Library Arrayed by: The I.M.A.G.E.
GONSORtium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center.
PHRAP suite. Poly-T Identification: parMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 35
contiguous PHRED high quality bases following vector sequence. Very
Low Quality Sequence: Trace file contained 48 contiguous distinct
peaks following vector sequence. Polyadenylation: Based upon the
presence of a XhoI site followed by a run of 14 or more T residues
at the beginning of the sequence, this cDNA insert was
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1 (bases 1 to 48)
NIH-WGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Other ESTS: 2820451.5prime
Contact: Robert Strausberg, Ph.D.
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                                                                                                                                                                                                                                                                                                                                                        /sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1; Length 43;
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/cell line="MGC3"
/lab_host="DH10B (phage-resistant)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CGGCCTCCCAAAGTGCTGGGATTACAGGAGTGAGCCACCG
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95.0%; Pred. No. 5.,
... 0; Mismatches
                                                                                                                                                                                                                    /organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
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/db_xref="taxon:9606"
/clone="IMAGE:2820451"
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Location/Qualifiers
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                                                            : pBACe3.6
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Sequencing: TJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    38; Conservative
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Email: est@watson.wustl.edu
Insert Size: 2088
High quality sequence stores: 1
Source: IMAGE Consortium, Linu This clone is available royalty-free through Linu; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 2088 Std Error: 0.00
Seq primer: M13RP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ö
/clone_lib="NIH MGC 7"
/note="Organ: lung, Vector: pOTB7; Site_1: XhoI; Site_2: EcoRI; cDNA made by oligo-dr priming. Directionally cloned into EcoRI/AhoI sites using the following 5' adaptor: GGCACGAG(G). Size-selected >SOODp for average insert size 1.8kb. Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-CDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies)."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
I (bases I to 40)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Materston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               R89723 11near EST 24-AUG-1 ym99cl2.rl Soares adult brain N2b4HB55Y Homo sapiens CDNA clone IMAGE:167062 5' similar to gb/M87923/HUMALCE12 Human carcinoma cell-derived Alu RNA transcript, (TRNA); gb:S57235 MACROSIALIN PRECURSOR (HUMAN); , mRNA sequence.
                                                                                                                                                                                                                                                                                                              Gaps
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The WashU-Werck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Fax: 314 286 1810
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/db_xref="GDB:587757"
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/clone="IMAGE:167062"
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Location/Qualifiers
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Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              R89723:1 GI:954550
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Best Local Similarity
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/inc__inc__inc__incover in the construct of the constructed by Bento Soares and
             normalization to a Cot = 53. Library constructed by Bento Soares and M.Fatima Bonaldo. The adult brain RNA was provided by Dr. Donald H. Gilden. Tissue was acquired 17-18 hours after death which occurred in consequence of ruptured aortic aneurysm. RNA was prepared from a pool of tissues representing the following areas of the brain: frontal, parietal, temporal and occipital cortex from the left and right hemispheres, subcortical white matter, bassal ganglia, thalamus, cerebellum, midbrain, pons and medulla."
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yz95a03.sl Soares melanocyte 2NbHM Homo sapiens CDNA clone
IMAGE:290764 3' similar to gb|M87923|HUMALCE12 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M57627 INTERLEUKIN-10
N71920
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Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 43)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
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Seq primer: ml3 -40 forward
High quality sequence stop: 1.
Location/Qualifiers
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Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Library went through one round of
                                                                                                                                                                                                                                                                                                               DB 1; Length 40;
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/lab_host="DH10B (ampicillin resistant)"
                                                                                                                                                                                                                                                                                                                                                                  3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                    2370
                                                                                                                                                                                                                                                                                                                                                                                                                                               1 CICAGCCTTCCAAGTGCTGGGATTACANGCATGAGCCAC 40
                                                                                                                                                                                                                                                                                                                                                                                                                  2331 CTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCAC
                                                                                                                                                                                                                                                                                                         Score 35.8; DB
pred. No. 41;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3883894"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   db_xref="taxon:9606"
clone="IMAGB:290764"
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N71938.1 GI:1228650
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens (human)
                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 92.5
Matches 37; Conservative
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JOURNAL
COMMENT
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KEYWORDS
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Query Match Best Local Matches

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DEFINITION RESULT 56 H92874/c

ORGANISM

KEYWORDS SOURCE

REFERENCE AUTHORS

TITLE JOURNAL

COMMENT

FEATURES

ACCESSION VERSION

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Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman,
Ph.D., Gerald Marti, M.D.

CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
Bonaldo, Ph.D.

CDNA Library Arrayed by: Greg Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NI-CGAP clone distribution information can be
found through the I.M.A.G.B. Consortium/LLNL at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library
                                                                                                                                                                                                      AA807296 45 bp mRNA linear EST 07-APR-1998 oc37c08.sl NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1351886 3' similar to gb:M57627 INTERLEUKIN-10 PRECURSOR (HUMAN);, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryoca, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 45)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NCI CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       constructed by Bento Soares and M. Fatima Bonaldo."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       went through one round of normalization, and was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 35.6; DB 1; Length 45;
44 ATCCACCTNCCTCAGCCTCCCAAAGTTCTGGGATTNCAGGCATG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Trace considered overall poor quality
Insert Length: 1914 Std Error: 0.00
Seq primer: -40m13 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     www-bio.llnī.gov/bbrp/image/image.html
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0; Mismatches
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/db xref="taxon:9606"
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Homo sapiens
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Unpublished (1997)
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Best Local Similarity
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AA199768/c
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VERSION
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                                                                                                                                      RESULT 57
AA807296
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                                      셤
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: est@watson.wustl.edu
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LIANL
This clone is available royalty-free through LIANL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length. 2865 Std Error: 0.00
Seq primer: promega -21ml3
High quality sequence stop: 1.
   M.Fatima Bonaldo. RNA from normal foreskin melanocytes (FS374) was kindly provided by Dr. Anthony P. Albino."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Y1911.81 Soares pineal gland NJHPG Homo sapiens CDNA clone IMAGE:231716 3' similar to gb|M87923|HUMALCE12 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M62505 C5A ANAPHYLATOXIN CHEMOTACTIC RECEPTOR (HUMAN);, mRNA sequence.
                                                                                                                                                                             Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases 1 to 44)
Hillar,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ô
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Unpublished (1995)
Contact: Wisson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Fel: 314 286 1810
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                                                                                                      DB 1; Length 43;
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                                                                                                                                                                                                                                         2322 TCCGCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATG 2364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  linear
                                                                                                                                                                      5; Indels
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                                                                                                                                                                                                                                                                                43 TCCTCCCGCCTCAGCCTCCCAAAGTACTGGGATTACAGGCNTG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  mRNA
                                                                                                   Score 35.6; DI
Pred. No. 43;
0; Mismatches
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Best Local Similarity 86.4%; Pred. No. 44;
Matches 38; Conservative 0; Mismatches
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/db_xref="GDB:3861707"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  44 bp
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and M.Fatima Bonaldo.
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                                                                                               1.5%;
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H92874.1 GI:1099202
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                                                                                                                                                                      38; Conservative
                                                                                                                                      Similarity
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EST 23-JAN-1997
                                                                                                                             linear
2331 CTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCG 2372
                    CTCATCCTCCCAAAGTGCTGGGATTACAGGCCTGAGGCACCG 44
                                                                                                                             mRNA
                                                                                                                             47 bp
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Gaps

4; Indels

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The WashU-Merck EST Project
                                           Tumor Gene Index
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H84332
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
zq76f09.rl Stratagene hNT neuron (#937233) Homo sapiens cDNA clone
IMAGE:647561 5' similar to gb:X77738_rnal BAND 3 ANION TRANSPORT
PROTEIN (HUMAN);, mRNA sequence.
                                                                                                                                          Differentiated, post mitotic hur neurons. Average insert size: 1.5 kb; Uni-ZAP XR Vector; -5' adaptor sequence: 5' GAATTCGGCACGAG 3' -3' adaptor sequence: 5' CTCGAGTTTTTTTTTTTTTTTT 3'".
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.

    (bases 1 to 45)

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Genome Res. 6 (9), 807-828 (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /clone="IMAGE:647561"
/dev_stage="hWr neurons"
/lab_host="SOLR (kanamycin resistant)"
/clone_lib="Stratagene hWr neuron (#937233)"
/note="Westor: pBluescript SK.; Site_1: EcoRI; Site_2:
XhoI; Cloned unidirectionally, Primer: Oligo dT.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considerad overall poor quality
Seq primer: -28Mi3 rev2 from Amersham
High quality sequence stop: 1.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                               Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                4; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1.5%; Score 35.6; D: 90.5%; Pred. No. 45; cive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:5217813"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                mRNA sequence.
AA812181
AA812181.1 GI:2881792
                                                                        AA199768.1 GI:1795536
                                                                                                            Homo sapiens (human)
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Homo sapiens
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Best Local Similarity 90.5
Matches 38; Conservative
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AA812181
LOCUS
DEFINITION
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Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman,
Ph.D., Gerald Marti, M.D.
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
Bonaldo, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
CDNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
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NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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                                                                                                                                                                                                                                                                                                                                                                                                 Trace considered overall poor quality Insert Length: 1084 Std Error: 0.00 Seq primer: -40m13 fwd. ET from Amersham High quality sequence stop: 1. Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.5%; Score 35.4; Di
86.7%; Pred. No. 45;
Live 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1320225"
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Homo sapiens
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Best Local Similarity 86.7°
Matches 39; Conservative
                                                                           Unpublished (1997)
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Homo sapiens (human)
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R61212.1 GI:831907
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Best Local Similarity 90.29
Marches 37; Conservative
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(Dases 1 to 41)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 yt95g10.rl Soares pineal glad N3HPG Homo sapiens cb1 25-NOV-1:
IMAGE:232098 5' similar to gb M87894 HUWALCD138 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:J02931 TISSUE FACTOR
                                                                                           Email: estdwatson.wustl.edu
High quality sequence starts: 1
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LINL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 2763 Std Brror: 0.00
Seq primer: MI3RPl
High quality sequence stop: 1.
Location/Qualifiers
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Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.5%; Score 35.2; DB 1; Length 42;
88.1%; Pred. No. 44;
ive 0; Mismatches 5; Indels
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/organism="Homo sapiens"
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                                                                                                                                                                                                                                                                                                                   /mol_type="mRNA"
/db_xref="GDB:3853771"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                    /clone="IMAGE:222737"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The WashU-Merck EST Project Unpublished (1995)
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                                                                                                                                                                                                                                                                                                                                                                                     /sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 88.1
Matches 37; Conservative
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JOURNAL
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JOURNAL
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Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
(A444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1800
Fax: 314 286 1800
Fax: 314 286 1800
High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LIML This clone is available royalty-free through LIML; contact the IMAGE Consortium (info@image:Ill.gov)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Washington University School of Medicine
444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
High quality sequence starts: 1
High quality sequence starts: 1
High quality sequence starts: 1
Fins clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 597 Std Error: 0.00
Seq primer: Mi3RP)
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;

Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

1 (Dases 1 to 43)

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,

Holman, M., Kucaba, T., Le, M., Lennon, G., Marra, M.,

Parsons, J., Rikkin, L., Rohlfing, T., Soares, M., Tan, F.,

Trevaskis, E., Materston, R., Williamson, A., Wohldmann, P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                R61212

43 bp mRNA linear EST 24-MAX-19
YMO6e10.rl Soares infant brain INIB Homo sapiens cDNA clone
IMAGE:42342 5' similar to gb:X54150 rnal IMMUNOGLOBULIN ALPHA FC
RECEPTOR PRECURSOR (HUMAN);, mRNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="CDB:3862089"
/db_xref="txen:9606"
/clone="IMAGE:232098"
/lab_host="DH10B (ampicillin resistant)"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             and M.Fatima Bonaldo. "
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Homo sapiens
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JOURNAL
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AUTHORS
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                                                                                                                                                                                                                           AA627434 10CI_CGAP_Col0 Homo sapiens cDNA clone IMAGE:1147068 3' similar to gb:L07077 ENOYL-COA HYDRATASE (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   cDNA Library Arrayed by: Greg Lennon, Ph.D.
MAS Sequencing Dy: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
cound through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. (bases 1 to 44)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
or further information. Trace considered overall poor quality
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Ilan Kirsch, M.D., Michael R. Emmert-Buck,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.5%; Score 34.6; DB 1; Length 43; 86.0%; Pred. No. 47; tive 0; Mismatches 6; Indels
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Seg primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
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/tissue_type="colon tumor RER+"
/lab_host="DH108"
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                   Insert Length: 3210 Std Error: 0.00 Seq primer: M13RP1 High quality sequence stop: 1. Location/Qualifiers
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/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
                                                                                                              /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:414883"
                                                                                                                                                                            /db_xref="taxon:9606"
                                                                                                                                                                                            clone="IMAGE:42342"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AA627434
AA627434.1 GI:2539529
                                                                                                                                                                                                                 sex="female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 86.0°
Matches 37; Conservative
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ORGANISM
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AUTHORS
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Email: est@watson.wustl.edu
Insert Size: 817
High qality sequence starts: 1 High qality sequence stops: 1
Source: IMAGE Consortium, LINL This clone is available royalty-free
through LINL; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 817 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone_lib="NCI_CGAP_CO10"
/note="Organ: colon; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; lst strand cDNA was prepared from medified polylinker; lst strand cDNA was prepared from FER+ colon tumor, and was then primed with a Not I - oligo(dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 wector. Library is normalized. Library was constructed by Bento Soares and M. Fatima Bonaldo (N-Soares4). "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                R07302 44 bp mRNA linear EST 05-APR-1995 yf14f09.s1 Soares fetal liver spleen lNFLS Homo sapiens CDNA clone IMAGE:126857 3' similar to gb:M92357 B94 PROTEIN (HUMAN);, mRNA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi;
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

(Dases 1 to 44)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                         Gaps
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                DB 1; Length 44;
                                                                                                                                                                                                                                                                                                                                                                                                              2321 ATCCGCCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATG 2364
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                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                             1.5%; Score 34.4; 1
86.4%; Pred. No. 49;
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/mol_type="mRNA"
/db_xref="dDB:479018"
/db_xref="taxon:9606"
/clone="IMAGE:126857"
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High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
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Best Local Similarity 86.4
Matches 38; Conservative
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Homo sapiens
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KEYWORDS
SOURCE
ORGANISM
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    ORGANISM
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AA054107/c
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                                                                                   AUTHORS
                                                                                                                                            JOURNAL
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                                                              REFERENCE
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//dev stage="adult"
/lab_host="DH10B"
/cloon=lib="MOXI_CGAP_Pr28"
/note="Organ: prostate; Vector: pT773D-Pac (Pharmacia)
with a modified polylinker; Plasmid DNA from the
normalized library NoT CGAP Pr22 was prepared, and ss
circles were made in vitro. Following HAP purification,
this DNA was used as tracer in a subtractive hybridization
reaction. The driver was PCR-amplified cDNAs from a pool
of 5,000 clones made from the same library (clonelDs
985608-986759, 1101192-1101959, and 1217928-1220615).
Subtraction by Bento Soares and M. Fatima Bonaldo. "
                                                                                                                                                                                                                                                   AIZ02660 45 bp mRNA linear EST 30-OCT-1998 qs72f10.xl NCI CGAP Pr28 Homo sapiens CDNA clone IMAGE:1943659 3' similar to gb:M60626 FMET-LEU-PHE RECEPTOR (HUMAN);, mRNA sequence.
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Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 45)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                 Gaps
constructed by Bento Soares and M.Fatima Bonaldo."
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                                         DB 1; Length 44;
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                                                                                                                   2086 TIATTATTTTTTGAGACCGAGTCTTGCTCTGTTACCCAGGCT 2129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               7; Indels
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                                                                                 6; Indels
                                                                                                                                            1 TTATTTTCATTTTTGAGACAGAGTCTCGCTGTGTTACCCCAGGCT 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Robert Strausberg, Ph.D.
Email: Capibs-r@mail.nih.gov
unknown library type
Trace considered overall poor quality
Insert Length: 258 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.5%; Score 34.4; DE 84.4%; Pred. No. 49; ive 0; Mismatches
                                       Score 34.4; D
Pred. No. 49;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A1468217
A1468217. GI:4330307
EST.
                                 1.5%;
11 Similarity 86.4%;
38; Conservative 0
                                                                                                                                                                                                                                                                                                                                           AI202660.1 GI:3755266
                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens (human)
Homo sapiens
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Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 84.4
Matches 38; Conservative
                                     Query Match
Best Local Similarity
                                                                               Matches
                                                                                                                                                                                                                                                                                DEFINITION
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VERSION
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SOURCE
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TITLE
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KEYWORDS
SOURCE
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/dev stage="adult"
//deb_host="DHJOB"
//deb_host="DHJOB"
//clone_lib="MCI_CGAP_PI28"
//note="Organ: prostate; Vector: pT7T3D-Pac (Pharmacia)
with a modified polylinker; Plasmid DNA from the
normalized library NCI CGAP_PI22 was prepared, and ss
circles were made in vitro. Following HAP purification
this DNA was used as tracer in a subtractive hybridization
reaction. The driver was PCR-amplified cDNAs from a pool
of 5,000 clones made from the same library (clonelDs
98508-986759, 1101192-1101959, and 1217228-1220615).
Subtraction by Bento Soares and M. Patima Bonaldo. "
                                                                                                                                                                                                                          Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Michael J. Brownstein, M.D., Ph.D., Michael R.

Emmert. Buck, M.D., Ph.D.

CDNA Library Preparation: M. Bento Soares, Ph.D.

CDNA Library Arrayed by: Greg Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center

Clone distribution: NGI-GGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/Link at:

www-bio.llnl.gov/bbrp/image/image.html
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutelria, Primates, Catarrhini, Hominidae, Homo.
1 (Dases 1 to 43)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Unpublished (1997)
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I (Dases 1 to 38)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
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38 bp mRNA linear EST 13-SEP-15
Zf50f06.rl Soares retina N2b4HR Homo sapiens cDNA clone
IMAGE:380387 5' similar to gb:X77738_rnal BAND 3 ANION TRANSPORT
PROTEIN (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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88.1%; Pred. No. 50;
tive 0; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Trace considered overall poor quality Insert Length: 1282 Std Brror: 0.00 Seq primer: -40UP from Gibco High quality sequence stop: 1. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1. .43
/organism="Homo sapiens"
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/db_xref="taxon:9606"
/clone="IMAGB:2112809"
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The WashU-Merck EST Project
Unpublished (1995)
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Homo sapiens
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Best Local Similarity
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DEFINITION
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Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        13 bp mRNA linear EST 13-NOV-19 y865f06.s1 Soares retina N2b4fR Homo sapiens CDNA clone IMAGE:219683 3' similar to gb|M9910|HUMALNE34 Human carcinoma cell-derived Alu RNA transcript, (RNA); gb.m3563 INTERFERON-INDUCED, DOUBLE-STRANDED RNA-ACTIVATED PROTEIN KINASE
                                                Tel: 314 286 1800
Fax: 314 286 1810
Email: estewatson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seg primer: -28M13 rev2 from Amersham
High quality sequence stop: 1.
Location/Qualifiers
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Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
                  Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ch 1.4%; Score 33.8; DB 1; Length 38; I Similarity 92.1%; Pred. No. 48; 35; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2100 GAGACCGAGTCTTGCTCTGTTACCCAGGCTGGAGTGCA 2137
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                                                                                                                                                                                                                                    organism="Homo sapiens"
                                                                                                                                                                                                                                                     /mol_type="mRNA"
/db_xref="GDB:1288644"
/db_xref="taxon:9606"
/clone="IMAGE:380387"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                sex="male"
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Matches 35; Conserv
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JOURNAL
COMMENT
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Ze42210:11 Soares retina N2D4RR Homo sapiens cDNA clone
IMAGE:361626 5' similar to gb:341458 ROD CGMP-SPECIFIC 3',5'-CYCLIC
PHOSPHODIESTERASE BETA-SUBUNIT (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

(Dases 1 to 40)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Materston,R., Williamson,A., Wohldmann,P. and
              High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Inser Length: 1611 Std Brror: 0.00
Seq primer: Promega -21m13
High quality sequence stop: 1.
Location/Qualifiers
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The WashU-Werck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Porcet Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ch 1.4%; Score 33.2; DB 1; Length 39; 1 Similarity 89.7%; Pred. No. 51; 35; Conservative 0; Mismatches 4; Indels
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                                                                                                                                                                                                                                                                                 organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                  /mol_type="mRNA"
/db_xref="GDB:3847676"
/db_xref="taxon:9606"
/clone="IMAGE:219683"
est@watson.wustl.edu
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                                                                                                                                                                                                                                                                                                                                                                                                    /sex="male"
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source
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YM25407.81 Soares infant brain 1NIB Homo sapiens cDNA clone
IMAGE:49126 3' similar to gp|M87934|HUMAALU43 Human carcinoma
cell.derived Alu RNA transcript, (FRNA); gb:M31121 T-CELL SPECIFIC
HANTES PROTEIN PRECURSOR (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
1 (bases 1 to 41)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
Seq primer: mob.REGA+ET
High quality sequence stop: 1.
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High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               The WashU-Merck EST Project
Unpublished (1995)
Conteact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1; Length 40;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2095 TTTTGAGACCGAGICTTGCTCTGTTACCCAGGCTGGAGT 2134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 TININGAGATGAGAGTCTTGCTCTGTCACCCAGGCTGGAGT 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Soares and M. Fatima Bonaldo. "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 33.2; Di
Pred. No. 52;
0; Mismatches
                                                                                                                           /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:1278329"
                                                                                                                                                                              /db_xref="taxon:9606"
/clone="IMAGE:361626"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Email: est@watson.wustl.edu
Insert Size: 1188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1.4%;
                                                                                                                                                                                                                   'sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Homo sapiens (human)
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H14824.1 GI:879644
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 87.5
Matches 35; Conservative
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DEFINITION
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H14824
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VERSION
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AUTHORS
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Email: est@watson.wustl.edu
Insert Size: 418
High qality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Seq primer: -21m13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  R07988 yf1669.81 Soares fetal liver spleen lNFLS Home sapiens cDNA clone IMAGE:127049 3' similar to gpl M87914 HUMALNB461 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M81695 LEUKOCYTE ADHESION GLYCOPROTEIN P150,95 ALPHA CHAIN (HUMAN);, mRNA sequence.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
      for further information.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 (bases 1 to 43)
Hiller,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
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Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Fax: 314 286 1800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.4%; Score 33; DB 1; Length 41;
87.8%; Pred. No. 53;
tive 0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2092 TITITITIGAGACCGAGICTIGCTCTGTTACCCAGGCTGGA 2132
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IMAGE Consortium (info@image.llnl.gov)
Trace considered overall poor quality
Insert Length: 1188 Std Brror: 0.00
Seq primer: Promega -21ml3
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                        /organism="Homo sapiens"
/mol type="mRKN"
/db_xref="gDB:421667"
/db_xref="taxon:9606"
/clone="IMAGE:49126"
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                                                                                                                                                                                                                                                       /sex="female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          R07988
R07988.1 GI:759911
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Best Local Similarity 87.8 Matches 36; Conservative
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                                                                                                                                source
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VERSION
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ORGANISM
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AUTHORS
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JOURNAL
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                                                                                       Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea (E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-866-4409) Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance
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Mammalia; Eutheria; Primates, Catarrhini, Hominidae, Pan.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J., Hoon, S.T., Chu, M., Kin, H., Joo, S., Kim, C., Song, W. and Yoo, H. BAC end sequences of Library RP-43 Unpublished
                                                                                                                                                                                                                                                                                                            constructed by Bento Soares and M.Fatima Bonaldo."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AG189036 37 bp DNA linear GSS 06
Pan troglodytes DNA, clone: RP43-063E23.TJ, genomic survey
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/clone_lib="RP-43 Chimpanzee Male BAC Library"
                                                                                                                                                                                                                                                                                                                                                 DB 1; Length 43;
                                                                                                                                                                                                                                                                                                                                                                                       6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                             2096 TITIGAGACCGAGICTIGCICTGTTACCCAGGCTGGAGTGCA 2137
                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TTTAAGAAGGAGNCTCGCTCTGTCACCCCAGGCTGGAGTGCA 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 .37
/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-063E23.TJ"
                                                                                                                                                                                                                                                                                                                                                 ; Score 33; DB 1
; Pred. No. 55;
0; Mismatches
/mol_type="mRNA"
/db_xref="GDB:479210"
/db_xref="taxon:9606"
/clone="IMAGE:127049"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Vector : pBACe3.6
R.Site 1 : EcoRI
R.Site 2 : EcoRI.
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                                                                                                                                                                                                                                                                                                                                                 1.4%;
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                                                                             sex="male"
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                                                                                                                                                                                                                                                                                                                                                                                       36; Conservative
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Best Local Similarity
Matches 36; Conserva
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AG189036/c
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JOURNAL
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KEYWORDS
SOURCE
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/clone="Index.il.good"
/tissue_type="carcinoid"
/tissue_type="carcinoid"
/lab_hofe="Bling"
/clone lib="MCI CGAP Lus"
/clone lib plinker; lst strand cDNA was prepared from medified polylinker; lst strand cDNA was prepared from neuroendocrine lung carcinoid, and was then primed with a Not I - oligo(dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT/T3 vector. Library is normalized. Library was constructed by Bento Soares and M. Patima Bonaldo. "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D., Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html
                                                                                                                                                                                                                                                                                                                                  A4911358 39 bp mRNA linear EST 21-AFR-1998 co76610.s1 NCI_CGAP_LUS HOMO septiens CDNA clone IMAGE:1417555 3' similar to gb:X01057 rnal INTERLEWIN-2 RECEPTOR ALPHA CHAIN PRECURSOR (HUMAN); contains element MER22 repetitive element ; mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EST 28-JAN-1997
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1 (bases 1 to 39)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index

Unpublished (1997)
                                                                      Gaps
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Score 32.8; DB 1; Length 37;
Pred. No. 51;
0; Mismatches 2; Indels
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                                                                                                                          2337 CTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCG 2372
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Trace considered overall poor quality Insert Length: 454 Std Brror: 0.00 Seq primer: -40ml3 fwd. ET from Amersham High quality sequence stop: 1. Location/Qualifiers
                                                                                                                                                            37 CTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACTG 2
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1.4%; Score 32.8; Di
Best Local Similarity 94.4%; Pred. No. 53;
Matches 34; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /organism="Homo sapiens"
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/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AA911358.1 GI:3050722
         1.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens (human)
Query Match
Best Local Similarity 94.4
Matches 34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Homo sapiens
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N77004/c
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KEYWORDS
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26 12:47:34 2005

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and Marra, M.
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Best Local Similarity
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                                           ORGANISM
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COMMENT
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                                                                                                                      AUTHORS
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KEYWORDS
SOURCE
                                                                                                   REFERENCE
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     KEYWORDS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            yv50f05.rl Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE.246177 5' similar to gb|L13707|HTMSCALUE Human sCRNA molecule, transcribed from Alu (rRNA); gb:J04970 CARBOXYPEPTIDASE M PRECURSOR (HUMAN); mRNA sequence.
                                                                                                                                                  Homo sapiens
Bukaryota, Mecazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
I (bases 1 to 34)
Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B.,
Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W.,
Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N.,
Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L.,
Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J..,
Treyaskis,E., Underwood,K., Wohldmann,P., Waterston,R., Wilson,R.
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yb20g08.rl Stratagene fetal spleen (#937205) Homo sapiens cDNA clone IMAGE:71774 5' similar to similar to gb:X14008_rnal LYSOZYME
                                                                                                                                                                                                                                                                                                                                                                  Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Email: estewatson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 747 Std Error: 0.00
Seq primer: reverse ET
High quality sequence stop: 1.
Location/Qualifiers
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Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
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/organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /mol_type="mRNA"
/db_xref="GDB:3795423"
/db_xref="taxon:9606"
/clone="IMAGE:246177"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /sex="male"
                                                                                             N77004.1 GI:1239582
                                                                                                                                    Homo sapiens (human)
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T51409.1 GI:653269
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Best Local Similarity 97.1
Matches 33; Conservative
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Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                        7044478
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                                                                                                                                SOURCE
ORGANISM
 DEFINITION
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                                                                           ACCESSION
VERSION
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PUBMED
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Email: estewatson.wustl.edu
Insert Size: 614
High qality sequence stops: 1
High qality sequence trops: 1
Source: IMAGE Consortium. LiNL This clone is available royalty-free through LiNL; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Seq primer: M13RP1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  oa52b06.sl NCI_CGAP_GCB1 Homo sapiens cDNA linear EST 23-JAN-1998 similar to gb:N58581 MITOCHONDRIAL CARNITINE PALMITOYLTRANSFERASE II PRECURSOR (HUMAN);, mRNA sequence.
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                         Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mamalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

(Dases 1 to 37)
Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B.,
Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W.,
Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,M., Le,M.,
Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L.,
Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J.,
Travaskis, E., Underwood,K., Wohldmann,P., Waterston,R., Wilson,R.
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (Dases 1 to 41)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                              Generation and analysis of 280,000 human expressed sequence tags Genome Res. 6 (9), 807-828 (1996)
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Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
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tive 0; Mismatches
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/db_xref="GDB:493439"
/db_xref="taxon:9606"
/clone="IMAGE:71774"
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High quality sequence stop: 1.
Location/Qualifiers
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Homo sapiens (human)
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Fax: 314 286 1810
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Insert Length: 1477 Std Error
Seq primer: Promega -21ml3
High quality sequence stop: 1.
Location/Qualifiers
        Email: est@watson.wustl.edu
Insert Size: 1477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                              Bonaldo, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
CDNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NGL-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LINL at:
www-bio.llnl.gov/bbrp/image/finage.html
Insert Length: 3122 Std Brror: 0.00
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT7T3 vector. Library went through one round of normalization, and was
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            H58423 41 bp mRNA linear EST 05-OCT-1995 yr25b11.81 Soares fetal liver spleen INFLS Homo sapiens CDNA clone IMAGE:206301 3' similar to gb:x52075_rna3 LEUKOSIALIN PRECURSOR
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I (Dases 1 to 41)
Hillier, Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hulman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Materston, R., Williamson, A., Wohldmann, P. and
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: Cagapbe-r@mail.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman, Ph.D., Gerald Marti, M.D.
CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.4%; Score 32.2; DB 1; Length 41; 91.9%; Pred. No. 57; 11ve 0; Mismatches 3; Indels
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'organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                        /mol_type="mRNA"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       The WashU-Merck EST Project Unpublished (1995)
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H58423.1 GI:1011255
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Homo sapiens
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Best Local Similarity
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/db_xefe="GBB:3775432"
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/db_xefe="IMAGE:206301"
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/clone="lib="Soares fetal liver in INFLS"
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/
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Ze62D02.r1 Soares retina N2b4RR Homo sapiens cDNA clone
IMAGR:365803 5' similar to gb:841458 ROD CGMP-SPECIFIC 3',5'-CYCLIC
PHOSPHODIESTERASE BETA-SUBUNIT (HUMAN); mRNA sequence.
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Mammalia, Eutheria, Primates, Catarrhini; Hominidae, Homo.
1 (basel to 41)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Ruceaba,T., Leh.M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1477 Std Error: 0.00
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This clone is available royalty-free through LiNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -28M13 rev2 from Amersham
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 314 286 1810
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Location/Qualifiers
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AA868654.1 GI:2964099
                                                                                                                                                                                                                                                                                                           1.3%;
                                                                                             /sex="male"
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                                                                                                                                Email: est@watson.wustl.edu
Insert Size: 974
High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is avallable royalty-free
through LLNL ; contact the IMAGE Consortium (inf@image.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 974 Std Error: 0.00
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yd44b01.81 Soares fetal liver spleen lNFLS Homo sapiens cDNA clone IMAGE:111049 3' similar to gp|M87494|HUMPALU496 Human carcinoma cell-derived Alu RNA transcript, (FRNA); gb:M81890_rnal INTERLEUKIN-11 PRECURSOR (HUMAN); mRNA sequence.
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
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85.4%; Pred. No. 58;
iive 0; Mismatches
                                l. .41
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                                                                                        /db_xref="taxon:9606"
/clone="IMAGE:363603"
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High quality sequence stop: 1.
Location/Qualifiers
High quality sequence stop: 1.
              Location/Qualifiers
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The WashU-Merck EST Project Unpublished (1995)
Contact: Wilson RK
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                                                                                                                        /sex="male
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Best Local Similarity
Matches 35; Conserv
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T81581
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/lab_host="DH10B"
/clone_lib="Soares testis_NHT"
/note="Vector: pT7T3D-Pac (Pharmacia) with a modified
polylinker; Site=1: Not I; Site=2: Eco RI; 1st strand cDNA
was prepared from mRNA obtained from Clontech
Laboratories, Inc., and primed with a Not I - oligo(dT)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima Bonaldo, Ph.D. cDNA Library Arrayed by: Greg Lennon, Ph.D. cDNA Library Arrayed by: Greg Lennon, Ph.D. DNA Sequencing by: Washington University Genome Sequencing Center Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.B. Consortium/LLNL at:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AA868654 42 bp mRNA linear EST 04-JAN-1999 ak49f09.s1 Soares testis NHT Homo sapiens cDNA clone IMAGE:1409321 3' similar to gb:M92424 MDM2 PROTEIN (HUMAN);, mRNA sequence.
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Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
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NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Score 31.8; DB
; Pred. No. 59;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
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/db_xref="taxon:9606"
/clone="IMAGE:1409321"
                     /mol_type="mRNA"
/db_xref="GDB:466666"
                                                                         /db_xref="taxon:9606"
                                                                                                 /clone="IMAGE:111049"
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8 d

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source
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COMMENT
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R85453
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                                                                                                                                                                                                                                                          8
                                                                                                                                                                                                                                                                                                                 g
                                                             Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pT/T3 vector. Library went through one round of normalization to Cot5, and was constructed by Bento Soares and M. Patima Bonaldo. "
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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(Dases 1 to 34)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Hulran,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Riftin,L., Rohlfing,T., Soares,M., Tan,F., Treyaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LINL
This clone is available royalty-free through LINL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
INSEC ENGINE SECTION SECTIO
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94 bp mRNA linear EST 27-JUN-
ym25802.81 Soares infant brain INIB Homo sapiens CDNA clone
IMAGE.48814 3' similar to gb/m87914 HUMALNE461 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb.:010202 PLATELET
ACTIVATING FACTOR RECEPTOR (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 1827
                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                    DB 1; Length 42;
                                                                                                                                                                                                                                                                                                                                                     2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                      2337 CTCCCAAAGTGCTGGGATTACAGGCATGAGCCACC 2371
                                                                                                                                                                                                                                                                                                                                                                                                                                                              CTCTCAAAGTGCTGGGATTACAGGCATGAACCACC 42
                                                                                                                                                                                                                                                                                1.3%; Score 31.8; Di
94.3%; Pred. No. 60;
:ive 0; Mismatches
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/organism="Homo sapiens"
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/db_xref="GDB:421355"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          'db_xref="taxon:9606"
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/sex="female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     The WashU-Merck EST Project
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Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     H14827.1 GI:879647
                                                                                                                                                                                                                                                                                                                                                 33; Conservative
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        80
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KEYWORDS
SOURCE
ORGANISM
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JOURNAL
COMMENT
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H14827
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Unpublished (1955)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway. Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 314 286 Fax: 314
Fax: 31
                                                                                                                                                                                                 ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           EST 22-JAN-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        yq26g04.sl Soares fetal liver splean INFLS Homo sapiens CDNA clone IMAGE:275118 3' similar to gb|M87908|HUMALNB32 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M57627 INTERLEUKIN-10 PRECURSOR (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
Glases I to 36)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."
                                                                                                                                                                                                 Gaps
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                                                                                                               DB 1; Length 34;
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                                                                                                                                                                                                 Indels
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                                                                                                                                                                                                 2;
                                                                                                                                                                                                                                                                           2326 CCCACCTCGGCCTCCCAAGTGCTGGGATTACAG 2359
                                                                                                                                                                                                                                                                                                                    1 CCCACCTCGGCCTCCCAGAGTGNTGGGATTACAG 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               mRNA
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/mol type="mRNA"
/db_xref="GDB:3798804"
/db_xref="taxon:9606"
/clone="IMAGE:275118"
                                                                                                           1.3%; Score 31.4;
94.1%; Pred. No. 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       36 bp
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                                                                                                                                                        94.18;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         R85453
R85453.1 GI:943859
                                                                                                                                                                                         32; Conservative
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Best Local Similarity
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                                                                                                                   Query Match
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Gaps

; 0

3; Indels

Mismatches

; 0

33; Conservative

Matches

SOURCE

REFERENCE AUTHORS TITLE JOURNAL COMMENT

DEFINITION

LOCUS

ACCESSION VERSION KEYWORDS

RESULT 83 H99413/c

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normalization to a Cot = 53. Library constructed by Bento Soares and M.Patima Bonaldo. The adult brain RNA was provided by Dr. Donald H. Gilden. Tissue was acquired 17-18 hours after death which occurred in consequence of a tuptured aortic aneurysm. RNA was prepared from a pool of tissues representing the following areas of the brain: frontal, parietal, temporal and occipital cortex from the left and right hemispheres, subcortical white matter, medulla, midbrain, pons and medulla.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            L Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
A444 Forest Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 315 286 Exror: 0.00
Seq primer: SP6
High quality Sequence 8top: 1.
Location/Qualifiers
                      H45829

yoshb05.s1 Soares adult brain N2b4HB55Y Homo sapiens CDNA clone IMAGE:184305 3' similar to gb/m87921-HUMACD2120 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:X54150 rnal IMWUNOGLOBULIN ALPHA FC RECEPTOR PRECURSOR (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Treyaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
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86.8%; Pred. No. 63;
tive 0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
|mol_type="mRKN"
|db_xref="GDB:3828657"
|db_xref="taxon:9606"
|clone="IMAGE:184305"
                                                                                                                                                                                                                                                                                                                                                                                                                                                           The WashU-Merck EST Project
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                                                                                                                                                                                                                     Homo sapiens (human)
                                                                                                                                                  H45829
H45829.1 GI:921881
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Best Local Similarity
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  H45829/c
LOCUS
DEFINITION
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: estGwatson.wustl.edu
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LINL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 679 Std Error: 0.00
Seq primer: m13 -40 forward
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                           1 (bases I to 40)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Holman, M., Hultman, M., Xucaba, T., Le, M., Lennon, G., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, P.,
Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0; Gaps
                                                                                                                                          40 bp mRNA linear EST 15-DI yx24f02.81 Soares melanocyte 2NDHM Homo sapiens cDNA clone IMAGE:262683 3' similar to gb:J02931 TISSUE FACTOR PRECURSOR (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Wilson, R.
The Washu-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.3%; Score 31; DB 1; Length 40;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            6; Indels
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2103 ACCGAGICTIGCICIGITACCCAGGCIGGAGIGCAG 2138
                        ACAGAGTCTTGCTCTGTCACCCAGGCTGGAATGCAG 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0; Mismatches
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/organism="Homo sapiens"
/ol_type="mRNA"
/db_xref="GDB:387235"
/db_xref="taxon:9666"
/clone="IMAGE:262683"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                85.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.3
Best Local Similarity 85.0
Matches 34; Conservative
                                                                                                                                                                                                                                                                                                                                                               Homo sapiens
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Bource

FEATURES

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Gaps

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ye47b02.s1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:120843 3' similar to gb|M87923|HUMALCE12 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M57627 INTERLEUKIN-10 PRECURSOR (HUMAN);, mRNA sequence.
                                                                                                                                                                                             Homo sapiens (human)
Homo sapiens
                                                                                                                                                             T95881.1 GI:734505
                                                                                                                                         T95881
                           LOCUS
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JOURNAL
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                                                                                                                                      ACCESSION
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                                                                                                                                                             VERSION
KEYWORDS
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T89869
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ô
                                                                                                                                                                                                                                                                                                                                                                         Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Buteleostomi, Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.

1 (bases 1 to 39.

Hillari, Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chissoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins, M., Kucaba, T., Lacy, M., Le, M., Mardis, E., Moore, B., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Meg, J., Traysskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Generation and analysis of 280,000 human expressed sequence tags Genome Res. 6 (9), 807-828 (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Contact: Wilson RK
Washington University School of Medicine
4444 Forest Parkway, Box 8501, St. Louis, MO 63108
444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Fax: 314 286 1810
Fax: 314 286 1810
Fax: 314 286 1810
Fax: 314 286 1810
Final: est@wastson.wustl.edu
This clone is available royally-free through LLNL; contact the
IMAGE Consortium (info@inage.llnl.gov) for further information.
Insert Length: 2515 Std Error: 0.00
Seq primer: m13 -40 forward
High quality sequence stop: 1.
Location/Qualifiers
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34.6%; Pred. No. 64;
Ive 0; Mismatches 6; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     6; Indels
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2096 TITIGAGACCGAGICTIGCICIGITACCCAGGCIGGAG 2133
                         38 TINTGAGACACAGTCTGGCTCTGTCACCCCAGGCTGGAG 1
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/organism="Homo sapiens"
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|db_xref="GDB:3795997"
|db_xref="taxon:9606"
|clone="IMAGE:246751"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               84.68;
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                                                                                                                                                                                                                                                                                                                                  Homo sapiens (human)
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Matches 33; Conservative
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JOURNAL
MEDLINE
PUBMED
COMMENT
                                                                                                           RESULT 85
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KEYWORDS
SOURCE
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Email: estGwatson.wustl.edu
Insert Size: 2754
High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free
through LLNL; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 2754 Std Error: 0.00
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Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Butheria, Primates; Catarrhini, Hominidae, Homo.

1 (Dases 1 to 40)

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Huleman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Materston, R., Williamson, A., Wohldmann, P. and
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                                                                                                                                                                                                                                                Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
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Pred. No. 65;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:473388"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         34 bp
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:9606"
/clone="IMAGE:120843"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Insert Length: 2754 Std Brro
Seg primer: -21m13
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                            Wilson, R.
The WashU-Marck EST Project
Unpublished (1995)
Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
1.3%;
Best Local Similarity 84.6%;
Matches 33; Conservative
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DEFINITION
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1 TTTGAGACAGAGTCNCACTCNGTCACCCCAGGCTGGAGTG 39

96

RESULT

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Homo sapiens (human)
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Best Local Similarity
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DEFINITION
  AUTHORS
TITLE
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H43763
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JOURNAL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15 bp mRNA linear EST 14-DEC-1999 to79h04.x1 NCI CGAP Gas4 Homo sapiens cDNA clone IMAGE:2184535 3' similar to gb|M8/921|HUMALCD120 Human carcinoma cell-derived Alu RNA transcript, (rRNA);contains element TAR1 repetitive element; AI801185
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                                                    Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
I (bases I to 34)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Erevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 35)
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Pred. No. 61;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
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/db_xref="GDB:472015"
                                                                                                                                                                                                                                                                                                                                                             Seg primer: -21m13
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Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                            /db_xref="taxon:9606"
/clone="IMAGE:116398"
                                                                                                                                                               The WashU-Merck EST Project
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96.9%;
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Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /sex="male"
                           Homo sapiens (human)
 GI:718382
                                                                                                                                                                              Unpublished (1995)
Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 96.9°
Matches 31, Conservative
                                          Homo sapiens
 T89869.1
                                                                                                                                                    Wilson, R.
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                                       ORGANISM
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KEYWORDS
SOURCE
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VERSION
KEYWORDS
                                                                               REFERENCE
                                                                                              AUTHORS
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Email: cgapbs-remail.nih.gov
Tissue Procuremnt: Christopher Moskaluk, M.D., Ph.D., Michael R.
Tissue Procuremnt: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLML at:
www-bio.llnl.gov/bbrp/image/image.html
Insert Length: 1690 Std Error: 0.00
Seg primer: -40UP from Gibco
High quality sequence stop: 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /clone lib="NCI CGAP Gas4"
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Salte 2: Notl; Cloned unidirectionally. Primer: Oligo dT.
Average insert size 1.69 kb. Life Technologies catalog #:
11549-011
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1. (bases 1 to 40)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Materston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /Lissue_type="poorly differentiated adenocarcinoma with
signet ring cell features"
/lab_host="DH10B"
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
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Insert Size: 1243
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Gaps
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Yp21h05.rl Soares breast 3NbHBst Homo sapiens cDNA clone
IMAGE:188121 5' similar to gb:M35531 GALACTOSIDE
2-L-FUCOSYLTRANSFERASE (HUMAN);, mRNA sequence.
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 1; Length 35;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.3%; Score 30.2;
91.4%; Pred. No. 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                   Contact: Robert Strausberg, Ph.D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               'clone="IMAGE:2184535"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
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A1088003 38 bp mRNA linear EST 13-FEB-1999
0024h05.x1 Soares_NSF F8_9W_OT_PA_P F31 Homo sapiens DNA clone
IMAGE.1567161 3' similar to 9D:541458 ROD CGMP-SPECIFIC
3',5'-CYCLIC PHOSPHODIESTERASE BETA-SUBUNIT (HUMAN);, mRNA
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/clone="IMAGE:1567161"
/lab_host="DH10ac"
/clone_lib="Soares NSF F8 9W OT PA P S1"
/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site_1: Not I; Site_2: Eco RI;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases 1 to 38)
NCI-GAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (inft@mimage.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 826 Std Brror: 0.00
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers
        for further information.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.3%; Score 30.2; DB 1; Length 40; 82.1%; Pred. No. 67; ive 0; Mismatches 7; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2 GAGACAGNGACTNNCTCTGTTGCCCAGGCTGNAGTGCAG 40
IMAGE Consortium (info@image.llnl.gov)
Trace considered overall poor quality
Insert Length: 1243 Std Error: 0.00
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High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                              /organism="Homo sapiens"
mol_type="mRNA"
/mol_type="mRNA"
/db_xref="GDB:3819018"
/db_xref="taxon:9606"
/clone="IMAGE:188121"
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/mol_type="mRNA"
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                                                                                                                                                                                                                                                                sex="Female"
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Homo sapiens
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Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.3
Best Local Similarity 82.1
Matches 32; Conservative
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Equal amounts of plasmid DNA from five normalized libraries were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified CDNAs from pools of 5,000 clones made from the same 5 libraries. The pools consisted of the following libraries and clone1Ds: Soares NBHSF pool 1: 309384-310919, 323208-355895 Soares NBHSF pool 1: 14503-147335, 147720-148103, 148872-149255, 15002 - 150407, 151176-15237 Soares NBCHP-9W pool 1: 75220-75683, 772104-774407 Soares NBHPA pool 1: 753220-756407, 739080-740999 Subtraction by Bento Soares and M. Fatima Bonaldo."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submission

Bibanited (07-3AM-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
S., Oun-dong, Yusong-gu, Daejoon 305-333, Korea
(E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/,
Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance
                                                                                                                                                                                                                                                                                                                                                                                                                              ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AG201498 33 bp DNA linear GSS 06-MAR-2004
Pan troglodytes DNA, clone: RP43-084A23.TJ, genomic survey
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
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/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
                                                                                                                                                                                                                                                                                                                                                                              DB 1; Length 38;
                                                                                                                                                                                                                                                                                                                                                                                                                              5; Indels
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Pred. No. 63;
0; Mismatches
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/mol_type="genomic DNA"
/db xref="taxon:9598"
                                                                                                                                                                                                                                                                                                                                                                           Query Match 1.3%; Score 30; DB Best Local Similarity 86.8%; Pred. No. 67; Matches 33; Conservative 0; Mismatches
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R.Site 1 : EcoRI
R.Site 2 : EcoRI.
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AG201498.1 GI:45233673
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DEFINITION

RESULT 92 H67588/c

ò 셤 ORGANISM

REFERENCE AUTHORS

ACCESSION VERSION KEYWORDS SOURCE

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34 CCCGCCTCGGCCNCCCAGAGTGCTGGGATTACAG 1
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                                                                                                                                                                                                                                                                 H71137.1 GI:1042953
                                                                                                                                                                                                                                                                                                         Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Contact: Wilson RK
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Best Local S:
Matches 32
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yr61d03.rl Soares fetal liver spleen lNFLS Homo sapiens CDNA clone
IMAGE:209765 5' similar to gb|L13712|HUMSCALUK Human scRNA
molecule, transcribed from Alu (FRNA); gb:D25272 !!!! ALU CLASS A
WARNING ENTRY !!!! (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                          Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 35)
Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B., Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,M., Makins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,M., Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J., Trevaskis,E., Underwood,K., Wohldmann,P., Waterston,R., Wilson,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         High quality commercial LLNL Source: IMAGE Consortium LLNL LLNL ; contact the This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality Insert Length: 873 Std Error: 0.00
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0
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 873
High quality sequence starts: 1
High quality sequence stops: 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1; Length 35;
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CACCTCGGCCTCCCAAAGTGCTGGGATTACAGG 2360
                         CGCCTGGGCCTCCCAAAGTGCTGGGATTACAGG 1
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0; Mismatches
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91.2%; Pred. No. 65

    .35
    organism="Homo sapiens"

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/db_xref="GDB:3782606"
/db_xref="taxon:9606"
/clone="IMAGE:209765"
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Seg primer: M13RP1
High quality sequence stop: 1.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                      Homo sapiens (human)
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Best Local Similarity 91.28
Matches 31, Conservative
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                                                                                                                                                                                                                                                                                                                         Homo sapiens
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2328
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MEDLINE PUBMED COMMENT TITLE JOURNAL

FEATURES

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double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Pac I and cloned into the Pac I and Eco RI sites of the modified pir713 vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Patima Bonaldo."
171137 linear EST 26-OCT-1995 ys13ell.rl Soares fetal liver spleen lNFLS Homo sapiens CDNA clone IMAGE:214700 5' similar to gb|M87918|HUMALNES1 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M20022 HLA CLASS I HISTOCOMPATIBILITY ANTIGEN, E E*0101/E*0102 ALPHA (HUMAN);, mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Washington University School of Medicine
4444 Forest Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 739
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@mage.lln.gov) for further information.
Trace considered overall poor quality
Insert Length: 739 Std Error: 0.00
Seq primer: M13RPI
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 (bases 1 to 37)
Hiller, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chissoe, S., Dierrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, N., Mardis, E., Moore, B., Morris, M., Parsons, J., Parage, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R.
                                                                                                                                                                                                                                                                                                                                                       Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Generation and analysis of 280,000 human expressed sequence tags Genome Res. 6 (9), 807-828 (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 1; Length 37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2263 TAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATG 2298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    68;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.2%; Score 29.6; Similarity 88.9%; Pred. No. 68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     clone="IMAGE:214700"
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LOCUS DEFINITION

RESULT 94

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N34814

SOURCE ORGANISM

REFERENCE

ACCESSION VERSION KEYWORDS TITLE JOURNAL COMMENT

Euteleostomi;

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/organism="Homo sapiens"
//organism="Homo sapiens"
//organism="mRNA"
//db_tref="taxon:9606"
//clone="Inkage:1318784"
//tissue_type="germinal center B cell"
//lab_hoff="DH10B"
//lone lib="NCI CGAP GCB!"
//lone lib="NCI CGAP GCB!"
//lone lib="NCI CGAP GCB!"
//lone lib="NCI CAP GCB GCB GCB GCB GCB A lib Allman
//lone with a Not I = oligo (dT) primer
//lone lib="Mar adap GCB A was ligated to ECO RI adap Cors
//lone lib="Mar adap Cors"
//lone lib="
//lone lib="Mar adap Cors"
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//lone lib="Mar adap Cors"
//l
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cDNA Library Preparation: M. Bento Soares, Ph.D., M. Fatima
Bonaldo, Ph.D.

cDNA Library Arrayed by: Greg Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center

Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
                                                                                                           AA810775 36 bp mRNA linear EST 19-FEB-1998 oa82e05.81 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:1318784 3' similar to gb:J04809_rnal ADENYLATE KINASE ISOENZYME 1 (HUMAN);,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BI112512 38 bp mRNA linear EST 26-JUN-2001 602900452F1 NCI_CGAP_Mam5 Mus musculus cDNA clone IMAGE:5030076 5', mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Louis M. Staudt, M.D., Ph.D., David Allman,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           constructed by Bento Soares and M. Fatima Bonaldo."
                                                                                                                                                                                                                                                                                                                                                                                                                 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Eutelec
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 36)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
1.2%; Score 29.2; DB 1; Length 36;
Best Local Similarity 91.2%; Pred. No. 70;
Matches 31; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2086 ITATIATITITIGAGACCGAGICTIGCICIGI 2119
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Trace considered overall poor quality Insert Length: 1139 Std Error: 0.00 Seq primer: -40m13 fwd. ET from Amersham High quality sequence stop: 1. Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2 TITITITITITITITITITITITITI 35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        www-bio.llnI.gov/bbrp/image/image.html
                                                                                                                                                                                                                   AA810775
AA810775.1 GI:2880386
EST.
                                                                                                                                                                                                                                                                                                                                                   Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Tumor Gene Index
Unpublished (1997)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1. .36
                                                                                                                                                                                                               mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   source
                                                                                                                                          DEFINITION
                                                                                                                                                                                                                                                                                                                                                                               ORGANISM
                                                                                                                                                                                                                                           ACCESSION
VERSION
KEYWORDS
SOURCE
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AUTHORS
TITLE
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BI112512
                                         RESULT 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JOURNAL
                                                                            AA810775
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ò
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 38)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               High quality sequence starts: 1 High quality sequence stops: 1 Source: IMAGE Consortium, LINL INLY This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@mimse.llnl.gov) for further information. Trace considered overall poor quality for further information. Seq primer: m13 -40 forward
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 314 286 1810
Email: est@watson.wustl.edu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tissue type="multiple sclerosis lesions"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2330 CCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGA 2365
2 TAGTAGAGGGGTTTCACTGGGTGAGCCAGGATG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3 CCTCAGCCTCCCAAAGTCCTGGGATTACAAGCGTGA 38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Score 29.6; DB
; Pred. No. 69;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /mol_type="mRNA"
/db_xref="GDB:3894660"
/db_xref="taxon:9606"
/clone="IMAGE:276406"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Seq primer: m13 -40 forward
High quality sequence stop: 1.
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                                                                                                                                                                                                                                                                                                                                                                        N34814.1 GI:1155956
                                                                                                                                                                                                                                                                                                                                                                                                                                         Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     32; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Similarity
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FEATURES

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Gaps

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ACCESSION

Query Match Best Local

Matches

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37 bp mRNA linear EST 05-OCT-1995
yr07dd7.sl Soares fetal liver spleen lNFLS Homo sapiens cDNA clone
IMAGE:204589 3' similar to gp|M87911|HUMALNES7 Human carcinoma
cell-derived Alu RNA transcript, (FRNA); gb:M15530 B-CELL GROWTH
FACTOR PRECURSOR (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /clone_lib="NCICGAP_Mam5"
/note="Organ: mammary; Vector: pCMV-SPORT6; Site_1: Sall;
Site_2: Not1; Cloned unidirectionally. Primer: Oligo dT.
Library constructed by Life Technologies. Investigators
providing samples: Lothar Hennighausen/Robin Humphreys,
NIH"
                                                                                                                                                                                                                                               Contact: Robert Strausberg, Ph.D.

Email: cgapbs-r@mail.nih.gov
Tissue Procurement: Lothar Hennighausen Ph.D., Robin Humphreys
CDNA Library Preparation: Life Technologies, Inc.
CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
http://image.llnl.gov
High quality sequence start: 3
High quality sequence start: 3
High quality sequence stop: 36.
                                                                                         Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 38)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomí,
Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.
                                                                                                                                                                  1 . Vases 1.0 .50/
NHH-MGC http://mgc.nci.nih.gov/.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Mollan, M., Kucaba, T., Le, M., Lennon, G., Marra, M. Parsons, J., Rikin, L., Rohlfing, T., Soares, M., Tan, F., Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
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Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.2%; Score 29; DB 1; Length 38; 86.5%; Pred. No. 73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2336 CCTCCCAAAGTGCTGGGATTACAGGCATGAGCCACCG 2372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /tissue type="tumor, gross tissue"
/dev_stage="7 months"
/lab_host="DH108"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CCTCCCCAGATGCTGGATTACAGGCGTGCGCACCG 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /mol_type="mRNA"
/strain="mix FVB/N, C57BL/6J"
/db_xref="taxon:10090"
/clone="IMAGE:5030076"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Pred. No. 73;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1. .38
/organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The WashU-Merck EST Project
                                                    Mus musculus (house mouse)
  GI:14563413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   H56911.1 GI:1009743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 1.29
Best Local Similarity 86.5
Matches 32; Conservative
                                                                              Mus musculus
  BI112512.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Wilson, R
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DEFINITION
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KEYWORDS
SOURCE
ORGANISM
                                                                            ORGANISM
                                                                                                                                                REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
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JOURNAL
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N80471

33 bp mRNA linear EST 02-APR-1996
zal6610.rl Soares fetal liver spleen lNFLS Homo sapiens CDNA clone
IMAGE:292698 5' similar to gb|M87941|HUMAALU20 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M1590 PROTO-ONCOGENE
TYROSINE-PROTEIN KINASE YES (HUMAN);, mRNA sequence.
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1 (Dases 1 to 33)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Parlonan,M., Kucaba,T., LehM., Lennon,G., Marra,M., Parsons,J., Rikkin,L., Rohlfing,T., Soares,M., Tan,F., Treyaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                  High quality sequence starts: 1 High quality sequence stops: 1 Source: IMAGE Consortum, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality Insert Length: 843 Std Error: 0.00 Seq primer: Promega -21ml3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL ; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             constructed by Bento Soares and M.Fatima Bonaldo.
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1; Length 37;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1 Tradradadadaddurncaccaratraggcaggcrg 37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; Score 28.6; DB
; Pred. No. 75;
0; Mismatches
                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="dDB:37372"
/db_xref="taxon:9666"
/clone="IMAGE:204589"
                                                                                                                                                                                                                                                              High quality sequence stop: 1.
Location/Qualifiers
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The WashU-Merck BST Project
Unpublished (1995)
Contact: Wilson RK
                                           Email: est@watson.wustl.edu
Insert Size: 843
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                                                                                                                                                                                                                                                                                                                                                                                                                                            /sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens (human)
Homo sapiens
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Tel: 314 286 1800
Fax: 314 286 1810
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Best Local Similarity
Matches 31; Conserv
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Homo sapiens
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Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: estowatson.wustl.edu
Insert Size: 2529
High qality sequence starts: 1 High qality sequence stops: 1
Source: IMAGE Consortium, LIANI This clone is available royalty-free through LiANI, contact the IMAGE Consortium (info@image.linl.gov)
for further information. Trace considered overall poor quality
Insert Length: 2529 Std Error: 0.00
Seq primer: -21ml3
High quality sequence stop: 1.
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yc77e05.81 Soares infant brain INIB Homo sapiens cDNA clone
IMAGE:21856 3' similar to gb|M87912|HUMALMES62 Human carcinoma
cell-derived Alu RNA transcript, (rRNA);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GATGNICICGAICTCCTGANCINGIGAICTGCC 33
Trace considered overall poor quality
                                                                                                                                                                                                                                                                                                                                                                          ch 1.2%; Score 28.4; D
1. Similarity 87.9%; Pred. No. 72;
29; Conservative 0; Mismatches
                                                          1. .33
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB.3800475"
/db_xref="taxon:9606"
/clone="IMAGE:292698"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /organism="Homo sapiens"
              Seg primer: reverse ET
High quality sequence stop: 1.
Location/Qualifiers
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/db_xref="GDB:394203"
                                                                                                                                                           sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
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DEFINITION
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ORGANISM
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JOURNAL
COMMENT
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KEYWORDS
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36 bp mRNA linear EST 25-AUG-1995 yq07a07.81 Soares fetal liver spleen lNFLS Homo sapiens cDNA clone IMAGE:196212 3' similar to gb:X77738_rnal BAND 3 ANION TRANSPORT PROTEIN (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Wilson, R. The WashU-Merck EST Project
In WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Porset Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Email: estGwatson.wustl.edu
Insert Size: 839
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 839 Std Error: 0.00
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Mamaalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (Dases 1 to 36)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Kuteman,M., Kutaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaekis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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/lab_host="DH10B (ampicillin resistant)"
/clone_lib="Soares fetal liver spleen INFLS"
                                                                                                                                                                                                                                                                                                                                                                                   DB 1; Length 34;
                                                                                                                                                                                                                                                                                                                                                                                                                                   4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2326 CCCACCTCGGCCTCCCAAAGTGCTGGGATTACAG 2359
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CCCACCTCAGCCTCCCAAAGTGCGGAGATNACAG 1
                                                                                                                                                                                                                                                                                                                                                                                 1.2%; Score 28.2; DE 88.2%; Pred. No. 74; Live 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3765262"
/db_xref="taxon:9606"
/db xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /db_xref="taxon:9606"
/clone="IMAGE:196212"
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Location/Qualifiers
                    /clone="IMAGE:21856"
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R92576.1 GI:960116
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Matches 30; Conservative
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source
                                  RESULT 102
N80349
                                                                LOCUS
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JOURNAL
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0
                                                                                                                                                                                                                                                                                                   37 bp mRNA linear EST 30-JUN-1996 ox32b09.s1 Soares total fetus ND2HFB 9W Homo saplens CDNA clone IMAGE.1658009 3' similar to g5 M87934 HVMAALU43 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M21121 T-CELL.SPECIFIC RANTES PROTEIN PRECURSOR (HUMAN); contains element PTR5 PTR5 A1039205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi; Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo. 1 (bases 1 to 37)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Contact: Robert Strausberg, Ph.D.
Email: cgapbs -r@mail.nih.gov
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: -40ml3 fwd. ET from Amersham
High quality, sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                     0; Gaps
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Pred. No. 78;
0; Mismatches 5; Indels
                                                                                                                                                       DB 1; Length 36;
                                                                                                                                                                                     5; Indels
                                                                                                                                                                                                               2094 TITITIGAGACCGAGICTIGCICTGTTACCCAGGCT 2129
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                                                                                                                                                                                                                                      TITITITEAGGCAGGGTCTGGCTCTGTTGCCCAGGCT 1
                                                                                                                                                                  ilarity 86.1%; Pred. No. 77;
Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
                                                                                                                                                       Score 28;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /clone="IMAGE:1658009"
/dev_stage="8-9 weeks"
/lab_host="DH10B"
                                                                                                                                                                                                                                                                                                                                                                                                                               AI039205.1 GI:3278399
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Homo sapiens
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Unpublished (1997)
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Best Local Similarity 86.1
Matches 31; Conservative
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Best Local Similarity
Matches 31; Conserv
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/dex_miare
//dex_miare
//dex_m
N80349 arny linear EST 02-APR-1996 zal3312.rl Soares fetal liver spleen lNFLS Homo sapiens CDNA clone IMAGE:292438 5' similar to gb|Ll3704|HUMSCALUB Human scRNA molecule, transcribed from Alu (rRNA); gb:X53795_rnal INDUCIBLE MEMBERANE PROTEIN R2 (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            T53017 and the state of the sta
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Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Fax: 314 286 1810
Fmail: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seg primer: reverse ET
High quality sequence grop: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (bases 1 to 33)
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Rucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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/db_xref="GDB:3800215"
/db_xref="taxon:9606"
/clone="IMAGB:292438"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Homo sapiens (human)
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Best Local Similarity
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T53017.1
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Other EST8: ya82h06.81

Contact: Wilson RK
Makington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Email: est@watson.wustl.edu
Insert Size: 21
High qality sequence stops: 14 Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EST 22-JAN-1999
                                                           Eukaryota, Metazoa, Chordata, Craniata; Vertebrata, Euteleostomi, Mammalia; Eutheria; Primates; Catarrhini, Hominidae, Homo.

1 (bases 1 to 35)
Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B., Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Hawkins,M., Hulkman,M., Kucaba,T., Lacy,M., Le,M., Le,M., Mardis,E., Moore,B., Mooris,M., Parsons,J., Prange,C., Rifkin,L., Rohlfing,T., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J., Trevaskis,E., Underwood,K., Wohldmann,P., Waterston,R., Wilson,R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens
Bukaryotas, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryotas, Metazoa; Chordata; Catarrhini; Hominidae; Homo.
1 (bases 1 to 28)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
                                                                                                                                                                                                                                                                               Generation and analysis of 280,000 human expressed sequence tags Genome Res. 6 (9), 807-828 (1996)
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yt65g08.rl Soares retina N2b4HR Homo sapiens cDNA clone
IMAGE:275510 5' similar to gb|M87933|HUMAALU364 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M92424 MDM2 PROTEIN
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1. .35
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:504476"
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                          sapiens (human)
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R84946.1 GI:943352
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                                            Homo sapiens
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                                          ORGANISM
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R84946/c
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VERSION
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AUTHORS
KEYWORDS
SOURCE
                                                                                                          REFERENCE
                                                                                                                                AUTHORS
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Unpublished (1955)
L Unpublished (1955)
Contact: Wilson RK
Washington University School of Medicine
A444 Forest Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insort 51ze: 2611
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium, all Starts: 1
Fins considered overall poor quality
Insert Length: 2611
Seq primer: M13RP1
High quality sequence stops: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi,
Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
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Y980ell.rl Soares multiple sclerosis ZNbHNSP Homo sapiens CDNA clone IMAGE:279884 S' similar to gb|M87933|HUMAALU364 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:W96956 EPIDERMAL GROWTH FACTOR-LIKE CRIPTO PROTEIN (HUMAN); mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
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Pred. No. 75;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
1.1%; Score 27; DB
Best Local Similarity 100.0%; Pred. No. 75;
Matches 27; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                           1. .28
/organism="Homo sapiens"
/mol type="mRNN"
/db_xref="GDB:3849911"
/db_xref="taxon:9606"
/clone="IMAGE:275510"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2114 CTCTGTTACCCAGGCTGGAGTGCAGTG 2140
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                                                                                                                                                                                                                                                                                                                                                                                                                                        Location/Qualifiers
                                                                              The WashU-Merck EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /sex="male"
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N38850.1 GI:1162057
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                                                         Wilson, R
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LOCUS
DEFINITION
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SOURCE
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JOURNAL
COMMENT
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VERSION
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1 (bases 1 to 35)

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COMMENT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  double-stranded cDNA was size selected, ligated to ECO RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT7T3 vector (Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Bento Soares and M.Fatima Bonaldo. RNA from 4 multiple sclerosis Besions from one patient was kindly provided by Dr. Kevin G. Becker (NINDS/NIH).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          30 bp mRNA linear EST 31-MAR-1995 ye67f08.s1 Soares fetal liver spleen INPLS Homo sapiens cDNA clone group 91ycoprotein (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Catarrhini; Hominidae; Homo.
1 (bases 1 to 30)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    /clone_lib="Soares multiple_sclerosis_lbhMsp"
/note="Twetcor: pT773D (Pharmacia) with a modified
polylinker V_TYPB: phagemid; Site_1: Not I; Site_2: Eco
RI; let strand cDNA was primed with a Not I - oligo(dT)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
                 Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and
Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            /tissue type="multiple sclerosis lesions"
/dev stage="Age 46"
/lab_host="DH10B (ampicillin resistant)"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1; Length 35;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               35 TGAGACGGGGTCTCACTCTGTCACCCAGGCTGGAG 1
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0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3898260"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1.1%; Score 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:9606"
/clone="IMAGE:279884"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Seg primer: T7
High quality sequence stop: 1.
Location/Qualifiers
                                                                                              Wilson, R.
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 85.7%;
Matches 30; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens (human)
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SOURCE
ORGANISM
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                                                                                                                TITLE
JOURNAL
COMMENT
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VERSION
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AUTHORS
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Email: est@watson.wustl.edu
Insert Size: 1341
High qality sequence starts: 1 High qality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free
through LLNL; contact the IMAGE Consortium (inf@aimage.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 1341 Std Brror: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
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34 bp mRNA linear EST 31-JUL-1999;
yn94e12:81 Soares adult brain N2b5HB5Y Homo sapiens CDNA clone
IMAGE:176:110 3' similar to gp|M87923|HUMALCE12 Human carcinoma
cell-derived Alu NRA transcript, (FRNA); gb:M37627 INTERLEUKIN-10
PRECURSOR (HUMAN); contains MIR repetitive element; , mRNA sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.

(Dases 1 to 34)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Rucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Materston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
revaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                   The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson Washington University School of Medicine
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2338 TCCCAAAGTGCTGGGATTACAGGCATGAGC 2367
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 TCCCAAAGTGCTGGGATTACAGGCTTCAGC 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    79;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.1%; Score 26.8;
3.3%; Pred. No. 79
                                                                                                                                                                                                                                                                                                                                                                                                                                                    /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:475368"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /db_xref="taxon:9606"
/clone="IMAGE:122823"
                                                                                                                                                                                                                                                                                                                                                             Seq primer: -21m13
High quality sequence stop: 1
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            The WashU-Merck EST Project
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sex="male"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       28; Conservative
                                                                                                                                                       Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens
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Best Local Similarity
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KEYWORDS
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Homo sapiens
                                                   8889549
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T89849
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 TITLE
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MEDLINE
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VERSION
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COMMENT
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                                                                                                                                                                                                                                                                                                                                      T60701 34 bp mRNA linear EST 13-FEB-1995 ASO5f02.81 Stratagene ovary (#937217) Homo sapiens cDNA clone IMAGE:76443 3' similar to gb (#87891|HUMALCD143 Human carcinoma cell-derived Alu RNA transcript, (rRNA); mRNA sequence.
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(Dases 1 to 34)

Hiller,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B., Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N., Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Trevaskis,E., Schellenberg, K., Soares,M.B., Tan,F., Thierry-Meg,J., and Marra,M.
                                                                         High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 877 Std Error: 0.00
Seq primer: Promega -21ml3
High quality sequence etop: 1.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2321 ATCCGCCCACCTCGCCTCCCAAAGTGCTGGGAT 2354
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 ATCCNCCCGGCTCAGACTCCCAAAGTGCTGGGAT 34
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Score 26.6; DB
; Pred. No. 85;
0; Mismatches
                                                                                                                                                                                                                                              /organism="Homo sapiens"
/mol type="mRNA"
/db_xref="GDB:3838306"
/db_xref="taxon:9606"
/clone="IMAGE:176110"
                                                                High quality sequence starts: 1 High quality sequence stops: 1
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 977
                                                                                                                                                                                                                                                                                                                                sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Homo sapiens (human)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 85.3%
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T60701
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KEYWORDS
SOURCE
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                                                                                                                                                                                                                 FEATURES
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쇰 ò

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/dev_stage="49 year old"
/lab_host="%SOLR cells (Kanamycin resistant)"
/lab_host="%SOLR cells (Kanamycin resistant)"
/clone_lib="%Stratagene ovary (#937217)"
/note="Organ: ovary: Vector: Bluescript %K; Site 1: EcoRI;
Site 2: XhoI; Cloned unidirectionally. Primer: Öligo dT.
TotaI ovary tissue, normal, caucasian. Average insert
size: 0.8 kb; Uni-ZAP XR Vector; ~5' adaptor sequence: 5'
CTCGAGTTTTTTTTTTTTTTTTTTT 3'"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ö
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                                                                                                                                                                                                                                                                                                                                                   High qality sequence stops: 13 Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Seq primer: -21ml3 seq primer: -21ml3 quality sequence stop: 13.

High quality sequence stop: 13.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryotz, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.

1 (bases 1 to 35)

Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Milson, R., Wallenn, P. and Wilson, R.
Generation and analysis of 280,000 human expressed sequence tags
Genome Res. 6 (9), 807-828 (1996)
97044478
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High quality sequence starts: 1 High quality sequence stops: 1
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                                                                                                                                       Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 314 286 1810
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
1.1%; Score 26.6; D
Best Local Similarity 85.3%; Pred. No. 85;
Matches 29; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /mol_type="mRNA"
/db_xref="GDB:506172"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            clone="IMAGE:76443"
                                                                                                                                                                                                                                     Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /sex="female"
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T89849.1 GI:718362
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Contact: Wilson RK
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Query Match
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H43792
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                              FEATURES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURES
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                                                                                                                                                                                                                                                                                                              Source: IMAGE Consortium, LLNL This clone is available royalty-free through LLNL, contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality Insert Length: 1012 Std Error: 0.00 Seq primer: -21ml3 Seq primer: -21ml3 High quality sequence Stop: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         95 bp mRNA linear EST 16-AUG-1995 yp64e05.81 Soares fetal liver spleen INFLS Homo sapiens cDNA clone IMAGE:192224 3' similar to gb|M87935|HUMAALU472 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:U03171 INTERFERON-ALPHA RECEPTOR PRECURSOR (HUMAN);, mRNA sequence.
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Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 314 286 1810
Fax: 314 286 1810
Email: esfewatson.wustl.edu
Insert Size: 1130
High quality sequence starts: 1
High quality sequence storys: 1
Insert Size: 1130
Insert Lange Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1130 Std Error: 0.00
Seq primer: Promega -21m13
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I (bases 1 to 35)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
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                                                                                                                                                       1, 35
/organism="Homo sapiens"
/mol type="mRNA"
/db_xref="dDB=11967"
/db xref="taxon:9666"
/clone="IMAGE:116350"
/sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Homo sapiens (human)
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VERSION
KEYWORDS
SOURCE
ORGANISM
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JOURNAL
COMMENT
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143792

yo80e05.rl Soares adult brain N2b4HB55Y Homo sapiens cDNA clone IMAGE:184256 5' similar to gb:M33326 NONSPECIFIC CROSS-REACTING ANTIGEN NCA-95 (HUMAN);, mRNA sequence.
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Wilson, W.
The WashD-Merck EST Project
Unpublished (1995)
Conteat: Wilson RK
Washington University School of Medicine
Washington University School of Medicine
4444 Forest Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 31
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90.0%; Pred. No. ec,
... 0; Mismatches
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                                                                                                                                      /mol_type="mRNA"
/db_xref="GDB:3762013"
/db_xref="taxon:9606"
/clone="IMAGB:192224"
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/db_xref="GDB:3828606"
High quality sequence stop: 1.
Location/Qualifiers
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Seq primer: M13RP1
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                sex="male"
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Gaps

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H70643 126-OCT-1995
yul8h07.sl Soares fetal liver spleen lNFLS Homo sapiens cDNA clone IMAGE:234205 3' similar to gb:D10202 PLATELET ACTIVATING FACTOR RECEPTOR (HUMAN); mRNA sequence.
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 1926
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1926 Std Error: 0.00
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1 (Dases 1 to 32)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Hulean,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Treyaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.1%; Score 25.8; DB 1; Length 32; 90.0%; Pred. No. 89; 1ve 0; Mismatches 3; Indels
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                                                                                                                                                                              conception fetus"
                                                                                                                                                                       /dev stage="20 week-post conception fetu
lab_host="DH10B (ampicillin resistant)"
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/organism≃"Homo sapiens"
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/mol_type="mRNA"
/db_xref="GDB:468100"
/db_xref="taxon:9606"
/clone="IMAGE:112483"
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Seq primer: Promega - 21m13
High quality sequence stop: 1.
Location/Qualifiers
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Unpublished (1995)
Contact: Wilson RK
                                                                                                                                          /sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         H70643.1 GI:1042459
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity 90.0 es 27; Conservative
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Matches
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JOURNAL
COMMENT
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                                                                                                                /ue_badge="District of the property of the badge="District of the badge="District of the badge="District of the badge of t
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Insert Size: 972
High quality sequence starts: 1 High quality sequence stops: 1
Source: IMAGE Consortium, LLNL This clone is available royalty-free
through LLNL; contact the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 972 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13 bp mRNA linear BST 17-MAR-1995 MGSB10.rl Soares fetal liver spleen lNFLS Homo sapiens cDNA clone IMMAE:112483 5' similar to gp|M87935|HUMAALU472 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:J03171 INTERFERON-ALPHA RECEPTOR PRECURSOR (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Bukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
1 (bases I to 32)
11 (lases I to 32)
12 (lase, L., Clark, M., Dubuque, T., Elliston, K., Hawkins, M., Holman, M., Hulman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Materston, R., Williamson, A., Wohldmann, P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Fax: 314 286 1800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                'Match 1.1%; Score 26; DB 1; Length 34; Local Similarity 85.3%; Pred. No. 90; les 29; Conservative 0; Mismatches 5; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2337 CTCCCAAAGTGCTGGGATTACAGGCATGAGCCAC 2370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 CTCCCAAAGTTCTGGGCTACAGGTGTGAGCCAC 34
                                                                        /dev_stage="55-year old"
/lab_hner-"mr.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Seg primer: M13RP1
High quality sequence stop: 1.
Location/Qualifiers
                                clone="IMAGE:184256"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Homo sapiens (human)
Homo sapiens
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ACCESSION VERSION KEYWORDS SOURCE REFERENCE AUTHORS TITLE JOURNAL COMMENT

FEATURES

Matches

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/lab host="E. Coli strain XL10-Gold, T1-resistant, F-"
/lab host="Les wouse 10kb plasmid UUGCIM library"
/loote="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Eukaryota; Metazoa; Chordata; Sciurognathi; Muridae; Murinae; Mus.
E 1 (bases 1 to 32)
E Dunn, D. Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       GSS 29-SEP-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AZ309847

MO017J08F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0017J08 F, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                  0; Gaps
                                                                                                                                                                                                                                                                                                                  DB 1; Length 32;
                                                                                                                                                                                                                                                                                                             Query Match
1.1%; Score 25.6; DB 1; Length 3:
Best Local Similarity 87.5%; Pred. No. 90;
Matches 28; Conservative 0; Mismatches 4; Indels
/lab_host="DH10B (ampicillin resistant)"
                                                                                                                                                                                                                                                                                                                                                                                                                2339 CCCAAAGTGCTGGGATTACAGGCATGAGCCAC 2370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0017 row: J column: 08
Seg primer: CGTTGTAAAACGACGGCCAGT
Class: plasmid ends
High quality sequence stop: 32.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                              32 CCCAAAGTGCTGGGATTACAGGTGTAAGTCAC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1. .32
/organism="Mus musculus"
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/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        db_xref="taxon:10090"
clone="UUGC1M0017J08"
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
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SOURCE
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TITLE

COMMENT

VERSION

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The WashU-Merck EST Project
The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson, More 1995
Contact: Wilson University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
7444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Fax: 314 286 1810
Fax: 1495
Forest Length: LML recent formation LIAL This clone is available royalty-free through LML rented the IMAGE Consortium (info@image.llnl.gov)
for further information. Trace considered overall poor quality
Insert Length: 1149 Std Error: 0.00
Seq primer: -21ml3
High quality sequence stop: 1.
Location/Qualifiers
adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pWD42 (gl|4732114|gb|AR129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent E. coli XIJO-Gold (Stratagene) cells and selected for ampicillin resistance."
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( Dases I to 34)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 R39218
34 bp mRNA linear EST 04-MAY-195
yC90g05.81 Soares infant brain inIB Homo sapiens cDNA clone
IMAGE:23377 3' similar to gb/MR9931|HUMAALU255 Human carcinoma
cell-derived Alu RNA transcript, (rRNA);contains MBR22 repetitive
                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                        Length 32;
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                                                                                                                                                                                                                                                                                   Score 25.6; DB 1;
Pred. No. 90;
0; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                       2264 AGTAGAGACAGGGTTTCACCGTGTTAGCCAGG 2295
                                                                                                                                                                                                                                                                                                                                                                                                                  32 AGTAGAGACAGGGTTTCCCCATATTGGCCAGG 1
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/db_xref="GDB:395724"
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/clone="IMAGE:23377"
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                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 87.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Homo sapiens (human)
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R39218.1 GI:796674
                                                                                                                                                                                                                                                                                                                                     28; Conservative
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Best Local Similarity 82.4
Matches 28; Conservative
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JOURNAL
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AUTHORS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           R96723 11-SEP-1995 Yq55b09.s1 Soares fetal liver spleen INFLS Homo sapiens CDNA clone INMAE:199673 3' similar to gp|M30845|DGGSR7SL1 Dog signal recognition particle 75L RNA, 5' (rRNA); gb:Y00281 RIBOPHORIN I PRECURSOR (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           The Washu-Merck EST Project

Contact: Wilson RK
Washington University School of Medicine

444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 280

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into the Not I and Hind III sites of the Lafmid BA vector. Library went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo."
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I (bases 1 to 34)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
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                                                                                                                               DB 1; Length 34;
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                                                                                                                                                                                                                                                  2318 GTGATCCGCCCACCTCGGCCTCCCAAAGTGCTGG 2351
                                                                                                                                                                                                                                                                                                                 1 Grgarcrrccarcrcagncrnccaaagrgcrgg 34
                                                                                                                         1.1%; Score 25.6; Dilarity 82.4%; Pred. No. 93; Conservative 0; Mismatches
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mol_type="mRNA"
/mb_xref="gdb:376973"
/db_xref="taxon:9606"
/clone="IMAGE:199673"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Homo sapiens (human)
Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      R96723.1 GI:982383
                                                                                                                                                          Local Similarity
les 28; Conserv
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Best Local S:
Matches 28
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DB 1; Length 34;

1.1%; Score 25.6;

Query Match

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Hoon, S.T., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submitted (07-3AM-2002) Hong-Seog Park, Korea Research Institute of
Biomitted (07-3AM-2002) Hong-Seog Park, Korea Research Institute of
Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC);
S., Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/,
Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ô
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                                                                                                                                                                                                                                                                             AG202966 34 bp DNA linear GSS 06-MAR-2004
Pan troglodytes DNA, clone: RP43-086N17.TJ, genomic survey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
                               Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J., Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H. Unpublished
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      /sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 1; Length 34;
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                               Indels
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                                                                                                                  34 CCTGCCTCAGCCTTCCGAGTAGCTGGGNCTACNG 1
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/organism="Pan troglodytes"
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ilarity 87.5%; Pred. No. 93;
Conservative 0; Mismatches
  Pred. No. 93;
0; Mismatches
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/db_xref="taxon:9598"
/clone="RP43-086N17.TJ"
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pan troglodytes (chimpanzee)
Pan troglodytes
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R.Site 1 : ECORI
R.Site 2 : ECORI.
                                                                                                                                                                                                                                                                                                                                                                                           AG202966.1 GI:45235141
82.48;
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EST.
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Matches 28; Conserv
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KEYWORDS
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Query Match
Best Local Similarity
Matches 27; Conserv
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                                                                       KEYWORDS
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              Homo sapiens
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 32)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Hillier,L., Chark,N., Choba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                           High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 935 Std Error: 0.00
Seq primer: MISRPI
High quality sequence stop: 1.
Location/Qualifiers
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                                                                                                                                                                                                       Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: estewatson.wustl.edu
Insert Size: 935
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3840547"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 TGCTGGGATTACAGGCATGAGCCACTG 27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /db_xref="taxon:9606"
/clone="IMAGE:178351"
                                                                                                                                                                       The WashU-Merck EST Project
     Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /sex="Male"
                                                                                                                                                                                       Unpublished (1995)
Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Conservative
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Best Local Similarity
Matches 26; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          source
SOURCE
ORGANISM
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JOURNAL
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                                                                   REFERENCE
AUTHORS
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                                                                                                                                     Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
INTERFERON-INDUCED, DOUBLE-STRANDED RNA-ACTIVATED PROTEIN KINASE (HUMAN); contains MSR1 repetitive element ;, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Concortium (lift@@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 780 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                            1 (bases 1 to 30)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                            The WashU-Merck EST Project Unpublished (1995)
Contact: Wilson RK Washington University School of Medicine Washington Priversity School of Medicine 4444 Forest Parkway, Box 8501, St. Louis, MO 63108
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Pred. No. 91;
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3837083"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Insert Length: 780 Std Error
Seq primer: M13RP1
High quality sequence stop: 1.
Location/Qualifiers
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/clone="IMAGE:175048"
                                                                                                                                                                                                                                                                                                                                                                                              Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 780
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                                                                                                  Homo sapiens (human)
                                                           H39150.1 GI:908649
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AGTCTCTCTCTGTTGCCCAGGCTGGAGTGC 1

RESULT 120

EST 25-JUL-1995

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H21549
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                                                                                                                                                                                                                                           TITLE
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                                                                                                                                                      AUTHORS
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                                                          SOURCE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   31 bp mRNA linear EST 15-MAR-1995 yd94c02.sl Soares fetal liver spleen lNFLS Homo sapiens cDNA clone IMAGE:115874 3' similar to gb:X77738_rna1 BAND 3 ANION TRANSPORT PROTEIN (HUMAN);, mRNA sequence.
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                                                                                                                                                                                                       Eukaryota, Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalla; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 High quality sequence starts: 1
High quality sequence stops: 1
Source: INAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 569 Std Brror: 0.00
Seq primer: Promega -21ml3
High quality sequence stop: 1.
Location/Qualifiers
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                                                                                                                                                                                                                                     Hillier L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.,
Hollman, M., Hultman, M., Kucaba, T., Le M., Lennon, C., Marra, M.,
Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
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Pred. No. 96;
0; Mismatches 5; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /mol_type="mRNA"
/db_xref="GDB:3799322"
/db_xref="taxon:9606"
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                                                                                                                                                                                                                                                                                                                                                  The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3mail: est@watson.wustl.edu
Insert Size: 569
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1.18;
                                                                                                                                                                   Homo sapiens (human)
                                                                                                                               R94841.1 GI:973571
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Best Local Similarity 84.8
Matches 28; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                         Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.
                                                                                                                                                                                      Homo sapiens
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                  LOCUS
DEFINITION
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SOURCE
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JOURNAL
COMMENT
                                                                                                              ACCESSION
                                                                                                                                                                                                                                           REFERENCE
                                                                                                                                                                                                                                                              AUTHORS
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                                                                                                                                 VERSION
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The WashU-Merck EST Project

Upublished (1995)

Other ESTS: ydd4c02.r1

Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108

Tel: 314 286 1800

Fax: 314 286 1810

Email: est@watson.wustl.edu

Insert Size: 1056

High quality sequence starts: 1 High quality sequence stops: 1

Source: INAGE Consortium, LLNL This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov)

for further information. Trace considered overall poor quality con received the constitution of the contact considered overall poor quality con received the constitution of the contact contact considered overall poor quality con received the contact contac
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Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
                                                                                                                                                         H21549

32 bp mRNA linear EST 06-JUL-1
yn77a07.rl Soares adult brain N2b5HB55Y Homo sapiens cDNA clone
IMAGE:17420 5' similar to gb|M87935|HUWAALU472 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:L07077 ENOYL-COA
HYDRATASE (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ô
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/organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="mRNA"
/db_xref="GDB:471491"
/db_xref="taxon:9606"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Seq primer: -21m13
High quality sequence stop: 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         sex="male"
                                                                                Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  H21549.1 GI:890244
T81491.1 GI:704498
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                                                                                                                           Homo sapiens
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Best Local Similarity
Matches 26; Conserv
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KEYWORDS

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Wilson, K.
Wilson, K.
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1800
Fax: 314 286 1800
Email: estewatson.wustl.edu
Insert Size: 869
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LIANL
This clone is available royslty-free through LIANL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 869 Std Error: 0.00
Seq primer: MISRN
High quality sequence stop: 1.
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y058e05.81 Soares breast 3NbHBst Homo sapiens cDNA clone
IMAGE:182144 3' similar to gb|M87889|HUMALCD140 Human carcinoma
cell-derived Alu RNA transcript, (rRNA); gb:M60626 FMET-LEU-PHE
RECEPTOR (HUMAN);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (bases 1 to 32)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
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Pred. No. 97;
0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3836455"
/db_xref="taxon:9606"
/clone="IMAGE:174420"
/sex="Male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       32 AAGTGCTGGGATTACAGGTGTGAGCNACC 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Location/Qualifiers
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Best Local Similarity 89.7%;
Matches 26; Conservative
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H26961.1 GI:896951
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VERSION
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AZ659725 31 bp DNA linear GSS 14-DEC-2000 1M0537013F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0537013 F, genomic survey sequence.
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Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 31)
                                            Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalla, Eutheria, Primates; Catarrhini, Hominidae, Homo.

1 (Dases 1 to 31)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Hulemn,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Pankons,J., Raikfin,L., Marra,M., Tan,F., Tan,F., Tan,F., Tan,F., Tan,F., Tan,F., Tan,F., Tan,F., Tan,F., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                             High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 706 Std Brror: 0.00
Seq primer: Promega -21an13
High quality sequence stop: 1.
Location/Qualifiers
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Unpublished (1995)
Contact: Wilson University School of Medicine
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AATGTTTGTATTTTAGTAGAAAGGGTTT 31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3815344"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:9606"
/clone="IMAGB:182144"
                                                                                                                                                                                                                                                                                                                                                                                                      Email: est@watson.wustl.edu
Insert Size: 706
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Mus musculus (house mouse)
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  Homo sapiens (human)
                                                                                                                                                                                                                                                                                                                                                       Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 87.1
Matches 27; Conservative
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                             Homo sapiens
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Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marra, M., Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F., Trevaskis, E., Waterston, R., Williamson, A., Wohldmann, P. and
                          Hillier, L., Clark, N., Dubuque, T., Elliston, K., Hawkins, M.
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                                                                                                                                                TITLE
JOURNAL
COMMENT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polymucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptored DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gelectrophoresis. Vector DNA was prepared from a derivative of pwalp42 (gil 4732114 [gb] AR125072.1), a copy.number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to adaptored vector DNA, and transformed into chemically-competent B. coll Xi10-Gold (Stratagene) cells and selected for ampicillin resistance."
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Homo.

    (bases 1 to 30)

                                                                                                                                                                   Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC,
84112, USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 /lab host="E. Coli strain XLIO-Gold, Tl-resistant, F-" /clone lib="Mouse 10kb plasmid UUGCIM library" /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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0
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Pred. No. 1e+02;
                                                                                                                                                                                                                                                                                                                                                                        Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0537 row: 0 column: 13
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2343 AAGTGCTGGGATTACAGGCATGAGCCACC 2371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           /organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
                                                                                                                                                                                                                                                                                                                                                                                                                             Plate: 0537 row: O column: 13
Seq primer: CGTTGTAAAACGACGGCCAGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         High quality sequence stop: 31.
Location/Qualifiers
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/clone="UUGC1M0537013"
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Homo sapiens
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Best Local Similarity 89.79
Matches 26; Conservative
                                                                                                                                                                                                                                                                                                                   Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
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Wilson, R. Wilson, R. Wilson, R. The Washl-Merck EST Project
The Washl-Merck EST Project
Unpublished (1993)
Contact: Wilson RK
Washington University School of Medicine
444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: estewatson.wustl.edu
Insert Size: 1589
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1589
Seq primer: MASRPL
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1 (Dases 1 to 28)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Hulenn,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Riftin,L., Rohlfing,T., Soares,M., Tan,F., Tareyaskis,B., Waterston,R., Williamson,A., Wohldmann,P. and
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/organism="Homo sapiens"
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/db_xref="GDB:3769361"
/db_xref="taxon:9606"
/clone="IMAGE:200311"
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Location/Qualifiers
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H63106.1 GI:1017907
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Best Local Similarity 86.73
Matches 26; Conservative
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R07762
R07762.1 GI:759685
                     Fax: 314 286 1810
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Contact: Wilson RK
Washington University School of Medicine
A444 Forcet Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 314 286 1810
Email: est@watson.wustl.edu
Insert Size: 3194
High quality sequence starts: 1
High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 3194
Std Error: 0.00
Seq primer: Promega -21m13
High quality sequence stop: 1.
High quality sequence stop: 1.
Location/Qualifiers
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Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mamalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
1 (Dases 1 to 28)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
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                                                                                                                                                                                                                                                                                                                                                                                 organism="Homo sapiens"
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/db_xref="GDB:3777625"
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/clone="IMAGE:208494"
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 The WashU-Merck EST Project
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               /sex="male"
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Homo sapiens (human)
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High qality sequence starts: 1 High qality sequence stops: 1 Source: IMAGE Consortium, Lini This clone is available royalty-free through Lini,; contact the IMAGE Consortium (info@image.llnl.gov) [for further information. Trace considered overall poor quality Insert Length: 3006 Std Error: 0.00 Seq primer: -21ml3 High quality sequence stop: 1. Location/Qualifiers
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1 (Dass 1 to 27)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Hulenn,M., Kucaba,T., El,M., Lenon,G., Marra,M., Parsons,J., Rikkin,L., Rohlfing,T., Soares,M., Tare,M., Tan,F., Tare,M., Tan,F., Tare,M., Tan,F., Tare,M., Tan,F., Tare,M., Tan,F., Materston,R., Williamson,A., Wohldmann,P. and
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
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                                                                                                                                                                                                                                                                                                          'organism="Homo sapiens"
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                                                                                                                                                                                                                                                                                                                              /mol_type="mRNA"
/db_xref="GDB:394079"
                                                                                                                                                                                                                                                                                                                                                                                        /db_xref="taxon:9606"
/clone="IMAGE:21732"
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Unpublished (1995)
Contact: Wilson RK
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Insert Size: 964
Email: est@watson.wustl.edu
Insert Size: 3006
                                                                                                                                                                                                                                                                                                                                                                                                                                                    sex="female"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Homo sapiens (human)
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location/Qualifiers
                                                                                                                                                /sex="male"
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Matches 25; Conservative
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    FEATURES
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                                                                                                                                                                                                                   High qality sequence starts: 1 High qality sequence stops: 1 Source: IMAGE Consortium, Linul This clone is available royalty-free through Linu.; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality losert Length: 544 Std Error: 0.00 Seq primer: M13RP1 High quality sequence stop: 1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    EST 17-FEB-1995
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1 (Dases 1 to 29)

Hillier, L., Lennon, G., Becker, M., Bonaldo, M.F., Chiapelli, B., Chissoe, S., Dietrich, N., DuBuque, T., Favello, A., Gish, W., Hawkins, M., Hultman, M., Kucaba, T., Lacy, M., Le, M., Le, N., Morris, M., Parsons, J., Prange, C., Rifkin, L., Rohlfing, T., Schellenberg, K., Soares, M.B., Tan, F., Thierry-Meg, J., Trevaskis, E., Underwood, K., Wohldmann, P., Waterston, R., Wilson, R., and Marra, M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              193744 linear EST 17-FEB-199 PQ23G02.rl Stratagene lung (#937210) Homo sapiens CDNA clone IMAGE:81554 5' similar to gp|M87942|HUMAALUU3 Human carcinoma cell-derived Alu RNA transcript, (FRNA); 9b:X6499 NUCLEAR FACTOR NF-KAPPA-B P49 SUBUNIT (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Generation and analysis of 280,000 human expressed sequence tags Genome Res. 6 (9), 807-828 (1996)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1.0%; Score 22.8; DB 1; Length 27;
88.9%; Pred. No. 1.1e+02;
tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO
    Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2342 AAAGTGCTGGGATTACAGGCATGAGCC 2368
                                                                                                    organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 AAAGTGTTGGGATTACAGGCGTGANCC 27
                                                                                                                 /mol_type="mRNA"
/db_xref="GDB:479080"
/db_xref="taxon:9606"
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Seg primer: -21m13
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                               /db_xref="taxon:9606"
/clone="IMAGE:126919"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Email: est@watson.wustl.edu
Insert Size: 544
                                                                                                                                                                                                           /sex="male"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens (human)
Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     F63744.1 GI:667609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Contact: Wilson RK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 88.9
Matches 24, Conservative
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                                                                                   Source
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AUTHORS
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KEYWORDS
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                                                            FEATURES
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/dev_stage="20 week-post conception fetus"
|/dev_stage="20 week-post conception fetus"
|/dab_nost="DH10B (ampicillin resistant)"
|/clone_lib="Soares and liber spleen; Vector: plarmacia)
|/note="Organ: Liver and Spleen; Vector: pl773D (Pharmacia)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   H93534

YV08912.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone INPSE 19095

WAGE:242182 5' similar to gb | M87933 | HUMAALU364 Human carcinoma cell-derived Alu RNA transcript, (rRNA);, mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Eukanyo magiran.

Bukanyo magiran.

Bukanyo magiran.

Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.

(bases 1 to 25)

Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,

Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,

Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Washington University School of Medicine
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Fax: 314 286 1810
Fax: 314 286 1810
Final: est@watson.wustl.edu
High quality sequence stops: 1
High quality sequence stops: 1
High quality sequence stops: 1
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (infedemage.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                           1.0%; Score 22.6; DB 1; Length 29; 86.2%; Pred. No. 1.1e+02; iive 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2087 TATTATTTTTGAGACCGAGTCTTGCT 2115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   29 rrrrrrrrrrradadcedacrcrccr 1
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'organism="Homo sapiens"
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/db_xref="GDB:3791315"
/db_xref="taxon:9606"
                        /mol_type="mRNA"
/db_xref="GDB:485171"
                                                                                     /db_xref="taxon:9606"
/clone="IMAGE:81554"
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High quality sequence stop: 1.
Location/Qualifiers
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Unpublished (1995)
Contact: Wilson RK
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/mol type="mrRNA"
// db xref="mrRNA"
// dev grage="20 week-post conception fetus"
// done lib="Soares fetal liver spleen lNFLS"
// clone lib="Soares fetal liver spleen lNFLS"
// done lib="Soares fetal liver spleen lNFLS"
// done lib="Soares fetal liver spleen lNFLS"
// done lib="spleen liper"
// done lib="spleen lng liper"
// double-stranded cDNA was primed with a Pac I - oligo (dr) primer
// double-stranded cDNA was ligated to Eco RI adaptors
// double-stranded cDNA was ligated to Eco RI adaptors
// double-stranded cDNA was ligated to Eco RI adaptors
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// double-stranded cDNA was ligated to Eco RI adaptors
// dev adapto
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
I (bases 1 to 28)
Hillier,L., Clarts,N., Dubuque,T., Elliston,K., Hawkins,M., Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
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High quality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality
Insert Length: 1547 Std Error: 0.00
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Porest Park Parkway, Box 8501, St. Louis, MO 63108
Fax: 314 286 1800
                                                                                                                                                                                                                                                                                                                                                        0.9%; Score 22.4; DB 1; Length 25; 95.8%; Pred. No. 1.1e+02; ative 0; Mismatches 1; Indels
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/organism="Homo sapiens"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2114 CTCTGTTACCCAGGCTGGAGTGCA 2137
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Insert Size: 1547
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Homo sapiens
                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 95.8
Matches 23, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            H58190
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AUTHORS
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KEYWORDS
SOURCE
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Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea (E-mail:redstone@mail.kribb.re.kr, URL.http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1997219 Soares fetal liver spleen INFLS Homo sapiens CDNA clone IMPES Homo sapiens CDNA clone IMPES:120328 3' similar to 9b|L13712|HUMSCALUK Human scRNA molecule, transcribed from Alu (RNNA); 9b:U01120 GLUCOSE-6-PHOSPHATASE (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                        AG197173 26 bp DNA linear GSS 06-MAR-2004 sentroglodytes DNA, clone: RP43-077C19.T7, genomic survey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Pan.
                                                                                                                    Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Bun, C.J., Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H. Direct Submission
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Unpublished
went through one round of normalization. Library constructed by Bento Soares and M.Fatima Bonaldo.
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/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
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                                                                     Score 22.2; DB 1;
Pred. No. 1.1e+02;
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/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
/clone="RP43-077C19.T7"
                                                                                                               0; Mismatches
                                                                                                                                                             2342 AAAGTGCTGGGATTACAGGCATGAGCCA 2369
                                                                                                                                                                                                          28 AAAGTICIGGGATTACNGGIGIGAGCCA 1
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Pan troglodytes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Vector : pBACe3.6
R.Site 1 : EcoRI
R.Site 2 : EcoRI.
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                                                                     0.9%;
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Best Local Similarity 92.0°
Matches 23; Conservative
                                                                                                                  24; Conservative
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                                                                     Query Match
Best Local Similarity
Matches 24; Conserv
                                                                                                                                                                                                                                                                                                                                                                          sequence.
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                                                                                                                                                                                                                                                                                                                                                                                               AG197173
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T97219/c
LOCUS
DEFINITION
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ORGANISM
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AZ310123 29-SEP-2000 1MO018K23R Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0018K23 R, genomic survey sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        The WashU-Merck EST Project
Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forset Park Parkway, Box 8501, St. Louis, MO 63108
4444 Forset Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1810
Fax: 316 1810
Fax: 31
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Sukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 26)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
                                                                                                                                                                           Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Butheria; Primates; Catarrhini; Hominidae; Homo.
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M.,
Holman,M., Hultman,M., Kucaba,T., Le,M., Lennon,G., Marra,M.,
Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F.,
Horaskis,E., Materston,R., Williamson,A., Wohldmann,P. and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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/organism="Homo sapiens"
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/db_xref="GDB:472873"
/db_xref="taxon:9606"
/clone="IMAGE:120328"
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High quality sequence stop: 1.
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                                                                                                         Homo sapiens (human)
                               F97219.1 GI:735843
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AZ310123
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AUTHORS
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/gex="Male"
//lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
//lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
//lone_lib="Mouse lokb plasmid UUGCIM library"
//note="Vector: PWM2nn; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polymucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWM2 (gil4732114|gb|APL29072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
     Reilly,M., Rose,M., Rose,M., Rose,M., Tingey,A., Vedersen,T., Niederhausern,A. and Wright,D., Weise,R.

Mouse whole genome scaffolding with paired end reads from 10kb blasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, 84112, USA
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Hoon,S.T., Chu,M., Kim,H., Joo,S., Kim,C., Song,W. and Yoo,H.
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Pan troglodytes DNA, clone: RP43-064M10.T7, genomic survey
sequence.
:Blam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
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Pred. No. 1.2e+02;
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                                                                                                                                                                                                                                                                                                                                                             Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 018 row: K column: 23
Seg primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            organism="Mus musculus"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       /mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0018K23"
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Location/Qualifiers
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Pan troglodytes
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                                                                                                                                                                                                                                                                                                  Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genet
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Best Local Similarity
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AG189863
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                                                                 Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Bun, C.J., Hoon, S. T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H. Direct Submission birect Submission by Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); S., Oun-dong, Yusong-gu, Daejeon 305-333, Korea (E-mail:redstonedmail.kribb.re.kr, URL.http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
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(Dases 1 to 26)

Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B., Chissoe,S., Dietrich,N., Dubuque,T., Favello,A., Gish,W., Hawkins,M., Hultman,M., Kucaba,T., Lacy,M., Le,M., Le,N., Mardis,E., Moore,B., Morris,M., Parsons,J., Prange,C., Rifkin,L., Trevaskis,E., Schellenberg,K., Soares,M.B., Tan,F., Thierry-Meg,J., and Marra,M.
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4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             /sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 25;
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/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db_xref="taxon:9598"
    BAC end sequences of Library RP-43
Unpublished
2 (bases 1 to 25)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          /clone="RP43-064M10.T7"
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Insert Size: 1107
High quality sequence starts: 1
High quality sequence stops: 1
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R.Site 1 : BCORI
R.Site 2 : ECORI.
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Homo sapiens
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/db_xref="taxon:960121"
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/clone lib="Soares pineal gland, VecTor: pT7T3D (Pharmacia)
/note="Organ: pineal gland, VecTor: pT7T3D (Pharmacia)
/note="Taxon to the man to the m
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Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Sukaryota; Viidiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzeae; Oryza,
1 (bases 1 to 27)
Xim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,Y.K., Xim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
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Fax: 82 31 321 6355
Email: bhnahm@ggbio.com, bhnahm@bio.myongji.ac.kr.
This clone is available royalty-free through LLNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information. Trace considered overall poor quality Insert Length: 1107 Std Error: 0.00 Seq primer: Promega -21ml3 High quality sequence stop: 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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/clone_lib="Rice etiolated leaf plasmid cDNA library
(14EFL)"
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                                                                                                                                                                                                                                                                                                                                                                                                                                  /organism="Homo sapiens"
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/clone="14ETL--05-F13"
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                                                                                                                        ö
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Wilson RK
Mashington University School of Medicine
444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tal: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 1416 Std Brror: 0.00
Seq primer: reverse ET
High quality sequence stop: 1.
Location/Qualifiers
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Eukaryota, Metazoa, Chordata, Craniata, Vertebrata, Euteleostomi, Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.

1 (base) 1 to 25)

Hillier,L., Lennon,G., Becker,M., Bonaldo,M.F., Chiapelli,B., Chissoe,S., Dietrich,N., DuBuque,T., Favello,A., Gish,W., Mardis,E., Moore,B., Mooris,M., Parsons,J., Prange,C., Rifkin,L., Mardis,E., Moore,B., Mooris,R., Soares,M.B., Tan,F., Thierry-Meg,J., Trevaskis,E., Underwood,K., Wohldmann,P., Waterston,R., Wilson,R.
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Generation and analysis of 280,000 human expressed sequence tags Genome Res. 6 (9), 807-828 (1996)
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                                                                               Score 20.8; DB 1; Length 27; Pred. No. 1.3e+02;
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                                                                                                                                                           2045 TITITITITICTIAAATATGTATA 2068
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                                                                           Query Match 0.9%;
Best Local Similarity 91.7%;
Matches 22; Conservative
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Homo sapiens
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Length 25;

Score 20.4; DB 1; Pred. No. 1.3e+02;

0.9%;

Query Match Best Local Similarity

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ya46f05.rl Soares infant brain INIB Homo sapiens cDNA clone IMAGE:53108 5' similar to gb|M87929|HUMAALU146 Human carcinoma cell-derived Alu RNA transcript, (rRNA); gb:M29874 CYTOCHROME P450 R158 (HUMAN); mRNA sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              L Unpublished (1995)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Parkway, Box 8501, St. Louis, MO 63108
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
High qality sequence starts: 1
High qality sequence stops: 1
Source: IMAGE Consortium, LLNL
This clone is available royalty-free through LLNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Seq primer: MIJRPI
High quality sequence stop: 1.
High quality sequence stop: 1.
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 Indels
 1;
Mismatches

    .26
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The WashU-Merck EST Project
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                                2122 CCCAGGCTGGAGTGCAGTGGGT
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R15830.1 GI:768245
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Best Local Similarity 100.
Matches 20; Conservative
21; Conservative
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with oligoribonucleotides and then used as templates for RT-PCR."
                                                            CF302406 24 bp mRNA linear EST 15-AUG-2003 7LEAF--07-N18.bl Rice leaf plasmid cDNA library II (7LEAF) Oryza sativa (japonica cultivar-group) cDNA clone 7LEAF--07-N18, mRNA
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Oryza sativa (japonica cultivar-group)
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Spermatophyta; Viidiplantae; Streptophyta; Embryophyta; Tracheophyta; Entratroideae; Oryzae; Oryza
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Contact: Nahm B.H. Genemics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, MyongJi University
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1 (Dases 1 to 26)
Hillier,L., Clark,N., Dubuque,T., Elliston,K., Hawkins,M., Hulman,M., Rucaba,T., Le,M., Lennon,G., Marra,M., Parsons,J., Rifkin,L., Rohlfing,T., Soares,M., Tan,F., Trevaskis,E., Waterston,R., Williamson,A., Wohldmann,P. and
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Contact: Wilson RK
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Tel: 82 31 330 6193
Fax: 82 31 321 6355
                                                                                                                                                                                                  CF302406
CF302406.1 GI:33674167
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Homo sapiens
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Matches 21, Conservative
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Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Bun, C.J.,
Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submission
Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bloscience and Blotechnology (KRIBB), Genome Research Center (GRC);
52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
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                                                                                                          High quality sequence starts: 1
High quality sequence stops: 1
Source: INAGE Consortium, LIAL
This clone is available royalty-free through LLNL; contact the INAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 2477 Std Error: 0.00
Seq primer: M13RP1
High quality sequence stop: 1.
Location/Qualifiers
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Pan troglodytes DNA, clone: RP43-077N04.T7, genomic survey
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Mashington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 26;
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84.6%; Pred. No. 1.4e+02;
tive 0; Mismatches 4;
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                                                                                                                                                                                                                                                                                                                                                          /organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="GDB:3853762"
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/clone="IMAGE:222728"
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                                                                                       Email: est@watson.wustl.edu
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                /sex="male"
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Best Local Similarity 84.00,
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Fax: 314 286 1810
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/clone_lib="RP-43 Chimpanzee Male BAC Library"
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AG200804
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Submitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bloscience and Blotechnology (KRIBB), Genome Research Center (GRC), 52, Oun-dong, Yusong-gu, Daejeon 305-33, Korea (E-mail:redstoneomail.Kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)

Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
(E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tal:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Pan.
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Pan troglodytes DNA, clone: RP43-084G18.T7, genomic survey
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                                                                                                                                                                                                                                                                                                                                                 /sex="male"
/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
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0.8%; Score 19.0; LD 1.46+02;
Best Local Similarity 84.6%; Pred. No. 1.46+02;
Matches 22; Conservative 0; Mismatches 4
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/organism="Pan troglodytes"
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/organism="Pan troglodytes"
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/cell_type="lymphocytes"
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/db_xref="taxon:9598"
/clone="RP43-077N04.T7"
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/db xref="taxon:9598"
/clone="RP43-084G18.T7"
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Submitted (07-37M-2002) Hong-Seog Park, Korea Research Institute of Bioscience and Biotechnology (KRIBB), Genome Research Center (GRC); 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea (E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
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Pan troglodytes DNA, clone: RP43-085B11.TJ, genomic survey
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Pan troglodytes DNA, clone: RP43-082P18.T7, genomic survey
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Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
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/cell_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
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      Length 24;
                                                                 Indels
Query Match 0.8%; Score 19.2; DB 1; Best Local Similarity 87.5%; Pred. No. 1.4e+02; Matches 21; Conservative 0; Mismatches 3;
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/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db &ref="taxon:9598"
/clone="RP43-085B11.TJ"
                                                                                                                      2252 TITIGIACTITIAGIAGACAGG 2275
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                                                                                                                                                            24 TTTTGTATTTTTAGCAGAGACGGG 1
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Pan troglodytes
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R.Site 1 : EcoRI
R.Site 2 : EcoRI.
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AG200804.1 GI:45232979
GSS.
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Direct Submission

Bibmitted (07-JAN-2002) Hong-Seog Park, Korea Research Institute of Bibmitted (07-JAN-2002) Hong-Seog Park, Korea Research Center (GRC); 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea

[B-mail:redgetone@mail:Kribb.re.kr, URL:http://phs.grc.kribb.re.kr/, Tel:82-42-866-7181, Fax:82-42-860-4409)

Clones are derived from the chimpanzee BAC library RP-43 This BAC end was generated during the R&D process and may have higher chance of clone tracking errors.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BQ591193 22 bp mRNA linear EST 06-DEC-2002 E012715-024-017-D14-T7 MPIZ-ADIS-024-storage root Beta vulgaris CDNA clone 024-017-D14 3-PRIME, mRNA sequence.
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Eukaryota, Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

1 (bases 1 to 22)
Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfath,M.,
Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,J., Lehrach,H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Construction of a 'unigene' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes Plant J. 32 (5), 845-857 (2002)
                                             Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Buteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Pan.
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                                                                                                               Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J., Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H. BAC end sequences of Library RP-43 (Uppublished 2) (bases 1 to 20)
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/coll_type="lymphocytes"
/clone_lib="RP-43 Chimpanzee Male BAC Library"
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Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
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/organism="Pan troglodytes"
/mol_type="genomic DNA"
/db xref="taxon:9598"
/clone="RP43-082P18.T7"
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Pan troglodytes (chimpanzee)
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R.Site 1 : EcoRI
R.Site 2 : EcoRI.
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BQ591193.1 GI:26120776
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Best Local Similarity 100.
Matches 19; Conservative
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SOURCE
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Email: cgapbs-remail.nih.gov
Tissue Procurement: DCTD/DTP CDNA Library Preparation: Ling
Tissue Procurement: DCTD/DTP CDNA Library Arrayed by: The I.M.A.G.E.
Consortium (LLNL) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/Libla at:
www-bio.llnl.gov/bbrp/image/himage.html Base Calling / Quality
Scores: PHRED from University of Washingtion Genome Center. Vector
Trimming: cross match from University of Washingtion Genome Center.
PHRAP suite. Poly-T identification: patMatch.pl from Berkeley
Drosophila Genome Project. University of Washingtion Genome Center:
http://www.genome.washington.edu Low Quality Sequence: 9 contiguous
PHRED high quality bases following vector sequence. Very Low
Quality Sequence: Trace file contained 20 contiguous distinct peaks
following vector sequence. Polyadenylation: Based upon the presence
of a XhoI site followed by a run of 14 or more T residues at the
beginning of the sequence, this CDNA insert was polyadenylated.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     /notes_Tvector: pCMVSPORT6; Site 1: Sall; Site 2: Not1; cDNA library from sugar beet, lTbrary provided by KWS Kleinwanzlebener Saatzucht AG Einbeck, Germany, contact: b.schulz@kws.de; cloning sites Sall-Not1, primer sites and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ö
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SP6-Sall-CCACGCGTCCG-5prime-cDNA-polyA-CC-Notl-T7; Note:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"
                                                                                                                                                  1. .22
/organism="Beta vulgaris"
/mol type="mRNA"
/cultivar="KWS2320 (double haploid, monogerm breeding
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                                                                                                                                                                                                                                                                                                                                                                                                                                                            /clone lib="MPIZ-ADIS-024-storage root"
                            Insert Length: 22 Std Brror: 0.00
Plate: 17 row: D column: 14
Seg primer: T7; GTAATACGACTCACTATAGGGC.
                                                                                                                                                                                                                                                                                                                                                                                                  /tissue_type="storage root"
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|clone="024-017-D14"
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High quality sequence stop: 9.
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Best Local Similarity 90.5°
Matches 19; Conservative
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AW249539
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/mol_type="mRNN"
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/clone lib="NHH MGC 7"
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Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
Direct Submission
Submitted (Or-JAN-2002) Hong-Seog Park, Korea Research Institute of
Bloscience and Blotechnology (KNIBB), Genome Research Institute of
Bloscience and Blotechnology (KNIBB), Genome Research Center (GRC),
52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
(E-mail:redstone@mail.kribb.re.kr, URL:http://phs.grc.kribb.re.kr/,
Tel:82-42-866-7181, Fax:82-42-860-4409)
Clones are derived from the chimpanzee BAC library RP-43 This BAC
end was generated during the R&D process and may have higher chance
of clone tracking errors.
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Mammalia, Butheria, Primates, Catarrhini, Hominidae, Pan.
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Pan troglodytes DNA, clone: RP43-084E21.TJ, genomic survey
sequence.
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/clone_lib="RP-43 Chimpanzee Male BAC Library"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.7%; Score 16.8; DB 1; Length 20; 90.0%; Pred. No. 1.5e+02; tive 0; Mismatches 2; Indels
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                                                     organism="Homo sapiens"
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     Location/Qualifiers
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Pan troglodytes
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R.Site 1 : EcoRI
R.Site 2 : EcoRI.
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Best Local Similarity 90.0
Matches 18; Conservative
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	Sequence 1630, Ap Sequence 1630, Ap Sequence 1713, Ap Sequence 1723, Ap Sequence 1742, Ap Sequence 1742, Ap Sequence 1751, Ap Sequence 87, Appl Sequence 87, Appl Sequence 89, Appl Sequence 81, Appl	Sequence 46, Appl Sequence 160, Ap Sequence 160, Ap Sequence 1674, Ap Sequence 2408, Ap Sequence 664, App Sequence 664, App Sequence 698, App Sequence 696, App Sequence 697, App	Sequence 21, Appl Sequence 21, Appl Sequence 8312, Ap Sequence 816, Ap Sequence 1324, Ap Sequence 1324, Ap Sequence 1511, Ap Sequence 1511, Ap Sequence 158, Ap Sequence 69, Appl Sequence 69, Appl Sequence 4, Appli Sequence 4, Appli	Sequence 4, Appliageduence 40, Appl Sequence 613, Appl Sequence 599, Appl Sequence 128, Appl Sequence 106, Appl Sequence 575, Appl Sequence 962, Appl Sequence 962, Appl Sequence 962, Appl Sequence 4, Appl Sequence 515, Appl Sequence 5	Sequence 5, Appli Sequence 6, Appli Sequence 17, Appl Sequence 60, Appl Sequence 43, Appl Sequence 55, Appl Sequence 7367, Ap Sequence 7369, Ap Sequence 692, Appl Sequence 692, Appl
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US-10-060-998-413 Sequence 413, App US-10-060-998-415 Sequence 514, App US-10-060-998-415 Sequence 524, App US-10-156-306-524 Sequence 524, App US-10-156-306-534 Sequence 513, App US-10-156-306-1680 Sequence 513, App US-10-156-306-1691 Sequence 1690, App US-10-156-306-1691 Sequence 1691, App US-10-156-306-1691 Sequence 1691, App US-10-156-306-2391 Sequence 1691, App US-10-238-700-364 Sequence 1691, App US-10-238-700-364 Sequence 1691, App US-10-238-700-364 Sequence 1691, App US-10-238-700-369 Sequence 52, App US-10-339-793-52 Sequence 52, App US-10-339-793-52 Sequence 52, App US-10-339-793-52 Sequence 2243, App US-10-339-793-52 Sequence 2243, App US-10-399-462-2245 Sequence 2243, App US-10-498-462-2245 Sequence 2243, App US-0-881-012-1 Sequence 1, Appli US-09-881-012-1 Sequence 1, Appli US-09-881-012-8 Sequence 123, App US-10-320-466-20 Sequence 20, Appli US-09-881-012-330 Sequence 123, Appli US-09-881-012-330 Sequence 22, Appli US-10-230-646-20 Sequence 22, Appli US-	ALIGNMENTS 5/09764891 3A1 Acids, Proteins, and Antibodies US/09/764,891 71-17 ved - consult PALM or file wrapper	3.7%; Score 88.8; DB 1; Length 100; ; Conservative 0.33; ; Conservative 0; Mismatches 7; Indels 0; Gaps 0; radadacadggtrrcaccgggrragccadgarggrcrcarccrcarcgrcgarccg 2325
	ALIGATION US/09764891 . US20030077808A1 . US20030077808A1 . TION: Wacleic Acids, Praction: Nucleic Acids, Praction Nucleic Acids, Praction Advanced - Constitution Advanced - Constitution Acids removed - Constitution Acids	Query Match Best Local Similarity Best Local Similarity 3.0%; Pred: N Matches 2266 TAGAGACHGGTTTCACCGTGTTAGCC
	SSULT 1 S-09-764-891-5710/c Sequence 5710, Application US Publication No. US20030077808 GENERAL INFORMATION: TITLE OF INVENTION: Nucleic FILE REFERENCE: FOOG CURRENT APPLICATION NUMBER: CURRENT FILING DATE: 2001-C PRIOR APPLICATION UMBER: CURRENT FILING DATE: 2001-C PRIOR APPLICATION OF 3001-C FILENGTHS: DATE: 2001-C SEQ ID NO 5710 LENGTH: 100 LENGTH: 100 TYPE: DNA ORGANISM: HOMO Sapiens 3-09-764-891-5710	Query Match 3
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	SEULT 1 S-09-764-891-5710/c Sequence 5710, App Bublication No. US GENERAL INFORMATION TILLS OF INVENTION FILE REPERENCE: PURRENT APPLICATIC CURRENT FILING DA PRIOR APPLICATIC DA PRIOR APPLICATION DA PRIOR APPLICATION DA SOFTWARE: PARENTIC ELENGTH: 100 TYPE: DNA ORGANISM: Homo 8 ORGANISM: Homo 8 ORGANISM: Homo 8	Match Local Sies 93 2266 7 2266 7 2326 9 40 0 0 2 2 3 2 6 6 9 9 1 - 2 2 2 6 4 - 891 - 2 6 4 - 891 - 2 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 4 - 891 - 2 6 6 4 - 891 - 2 6 6 4 - 891 - 2 6 6 4 - 891 - 2 6 6 4 - 891 - 2 6 6 4 - 891 - 2 6 6 4 - 891 - 2 6 6 4 - 891 - 2 6 6 4 - 891 - 2 6 6 4 - 891 - 2 6 6 4 - 891 - 2 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6
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Patent No. US20020094953A1
GENERAL INFORMATION:
TILLE INFORMATION:
TILLE OF INVENTION NUMBER: US/09/764,860
CURRENT PAPLICATION NUMBER: US/09/764,860
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
SOFTWARE: PatentIN Ver. 2.0
SOFTWARE: PatentIN Ver. 2.0
LENGTH: 100
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PC006
CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 10231
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10070
LENGTH: 98
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC006
CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT APPLICATION NUMBER: US/09/764,891
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 10231
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 10073
LENGTH: 98
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Pred. No. 0.51;
0; Mismatches
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Publication No. US20030077808A1
GENERAL INFORMATION:
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Best Local Similarity 91.8%;
Matches 90; Conservative (
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Matches 90; Conservative
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; ORGANISM: Homo sapiens
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US-09-764-891-10073
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NUMBER: 60 : 2000-08-1 : 2000-08-1 : 2000-07-2 : 2000-10-2 : 2000-11-1 : 2000-11-1 : 2000-11-1 : 2000-09-2 : 2000-09-2 : 2000-09-2 : 2000-10-2 : 2000-10-2 : 2000-10-2	NUMBER: 60 2000-09-2 2000-12-0 2000-12-0 2000-12-0 NUMBER: 60 2000-09-0 2000-09-0 2000-09-0 NUMBER: 60 2000-10-0	NUMBER: 60 2000-10-0 NUMBER: 60 2000-10-0 NUMBER: 60 2000-10-0 NUMBER: 60 2000-10-1 NUMBER: 60 2000-10-1 NUMBER: 60 2000-10-1 NUMBER: 60 2000-11-0 NUMBER: 60 2000-11-1 NUMBER: 60
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PRIOR PADLICATION NUMBER: 60/22/, 182
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Sequence 33, Application US/09998586

Publication No. US2030077794A1

Sequence 13, Application US/09998586

Publication No. US2030077794A1

SEGUENCE INFORMATION:
APPLICANT: Gerlach, Valerie L
APPLICANT: MacDougall, John R
APPLICANT: Mathrano, Glennda
TTILE OF INVENTION: US20030077794A1e1 Polypeptides and Nucleic Acids Encoding Sarathrano, Telement Sequence: 1596-6-536IP
CURRENT APPLICATION NUMBER: 60/17,839
FRIOR PILING DATE: 2000-01-27

PRIOR APPLICATION NUMBER: 60/176,134
PRIOR APPLICATION NUMBER: 60/176,134
PRIOR APPLICATION NUMBER: 60/176,989
PRIOR PILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: 60/178,191
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PRIOR APPLICATION NUMBER: 60/178,227
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PRIOR PILING DATE: 2000-01-26
PRIOR PRIOR APPLICATION NUMBER: 60/178,227
PRIOR PRIOR APPLICATION NUMBER: 60/178,227
PRIOR PRILING DATE: 2000-01-26
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Pred. No. 0.87;
0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                       4; Indels
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PRIOR FILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: 60/178,227
PRIOR PILING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: 60/220,590
PRIOR FILING DATE: 2000-07-25
NUMBER OF SEQ ID NOS: 95
SOFTWARE PATENTIN Ver. 2.0
SEQ ID NO 33
LENGTH: 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             3.4%;
al Similarity 95.4%;
83; Conservative (
                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 95.4<sup>1</sup>
Matches 83; Conservative
                                                                                                                                                                                                                                                   TYPE: DNA
CORGANISM: Homo sapiens
US-09-761-288-33
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ORGANISM: Homo sapiens
US-09-898-586-33
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Best Local Similarity
Matches 83; Conserva
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LENGTH: 92
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APPLICANT: Taupher, Naymong J
APPLICANT: Taupher, Vishun
APPLICANT: Tchernev, Velizar
APPLICANT: Tchernev, Velizar
APPLICANT: Tchernev, Velizar
APPLICANT: Li, Li
TITLE OF INVENTION NO. US20020065405Alel Polypeptides and Nucleic Acids Encoding Sam
FILE REFRENCE: 15966-638
CURRENT APPLICATION NUMBER: US/09/761,288
CURRENT APPLICATION NUMBER: 60/177,839
PRIOR PILING DATE: 2000-01-14
PRIOR FILING DATE: 2000-01-14
PRIOR PPLICATION NUMBER: 60/176,134
PRIOR PLING DATE: 2000-01-13
PRIOR PPLICATION NUMBER: 60/175,989
PRIOR PPLING DATE: 2000-01-13
PRIOR PPLICATION NUMBER: 60/218,324
PRIOR PLING DATE: 2000-07-14
PRIOR PLING DATE: 2000-07-14
PRIOR PLING DATE: 2000-07-14
PRIOR PLING DATE: 2000-07-14
PRIOR PLING DATE: 2000-07-24
PRIOR PLING DATE: 2000-07-24
PRIOR PLING DATE: 2000-07-24
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                                                                                   Gaps
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0
                         Score 82.6; DB 1; Length 100;
Pred. No. 0.69;
0; Mismatches 9; Indels
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Pred. No. 0.69;
0; Mismatches 9; Indels
                                                                                                                                   2264 AGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTG
                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 720, Application US/10212872
Publication No. US20030215893A1
GENERAL INFORMATION:
TILLS OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PC008C2
CURRENT APPLICATION NUMBER: US/10/212,872
CURRENT FILING DATE: 2002-08-07
Prior application removed - See File Wrapper or Palm NUMBER OF SEQ ID NOS: 1198
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                2324 CGCCCACCTCGGCCTCCCAAGTGCTGGGATTACAGG 2360
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APPLICANT: Padigaru, Muralidhara; APPLICANT: Prayaga, Sudhirdas; APPLICANT: Taupier, Raymond J. APPLICANT: Mishra, Vishnu
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        3.5%;
                    Query Match
Best Local Similarity 90.7%;
Matches 88; Conservative
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Best Local Similarity 90.7%
Matches 88; Conservative
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US-10-212-872-720
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US-10-212-872-720
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APPLICANT: MacDougall, John R
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glennda
TITLE OF INVENTION: No. US20030077794Alel Polypeptides and Nucleic Acids Encoding San
FILE SPERENCE: 15966-638CIP
CURRENT APPLICATION NUMBER: US/09/898,586
CURRENT FILING DATE: 2001-01-25
PRIOR FILING DATE: 2000-01-14
PRIOR PELICATION NUMBER: 60/176,134
PRIOR PELICATION NUMBER: 60/176,334
PRIOR PELING DATE: 2000-01-13
PRIOR PELING DATE: 2000-01-14
PRIOR APPLICATION NUMBER: 60/18,324
PRIOR PLING DATE: 2000-07-24
PRIOR PELING DATE: 2000-07-24
PRIOR PELING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/178,191
PRIOR PELING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: 60/178,191
PRIOR APPLICATION NUMBER: 60/178,191
PRIOR PELING DATE: 2000-01-26
PRIOR APPLICATION NUMBER: 60/178,27
PRIOR APPLICATION NUMBER: 60/178,191
PRIOR PELING DATE: 2000-01-26
PRIOR PELING DATE: 2000-01-26
PRIOR PELING DATE: 2000-01-26
PRIOR PELING DATE: 2000-01-26
PRIOR PELING DATE: 2001-01-16
NUMBER OF SEQ ID NOS: 104
SEQ ID NO 41
LENGTH: 94
PRIOR TILING DATE: 2001-01-16
SEQ ID NO 41
LENGTH: 94
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95.4%; Pred. No. 0.87;
tive 0; Mismatches 4; Indels
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                                 PRIOR FILING DATE: 2000-01-25
PRIOR APPLICATION NUMBER: 60/176,134
PRIOR FILING DATE: 2000-01-13
PRIOR FILING DATE: 2000-01-13
PRIOR FILING DATE: 2000-01-13
PRIOR FILING DATE: 2000-07-14
PRIOR PRILING DATE: 2000-07-14
PRIOR PLILING DATE: 2000-07-24
PRIOR PLILING DATE: 2000-07-24
PRIOR PLILING DATE: 2000-07-24
PRIOR PLILING DATE: 2000-01-26
PRIOR PLILING DATE: 2000-01-26
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PRIOR FILING DATE: 2000-01-26
PRIOR PLILING DATE: 2000-01-26
PRIOR PLILING DATE: 2000-01-26
PRIOR PLILING DATE: 2000-01-26
PRIOR PLILING DATE: 2000-01-25
NUMBER OF SEQ ID NOS: 95
SEQ ID NO 48
PRINGER PLILING DATE: 2000-01-25
SEQ ID NO 48
PRINGER: PALCHIN VET: 2.0
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APPLICANT: Gerlach, Valerie L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 95.4<sup>1</sup>
Matches 83, Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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APPLICANT: Patagas, Sudhirdas
APPLICANT: Taupier, Raymond J
APPLICANT: Taupier, Raymond J
APPLICANT: Mishra, Vishnu
APPLICANT: Thernev, Velizar
APPLICANT: Thernev, Velizar
APPLICANT: Cyliar
APPLICANT: Li, Li,
Li, Li,
Li, Li,
TITLE OF INVENTATION: NO. US20020065405Alel Polypeptides and Nucleic Acids Encoding Sam
ITLE REPERENCE: 15566-638
TITLE OF INVENTATION: NO. US20020065405Alel Polypeptides and Nucleic Acids Encoding Sam
ITLE REPERENCE: 15566-638
THE REPERENCE: 15566-638
FRIOR PRILICATION NUMBER: 60/177, 839
FRIOR PLILING DATE: 2000-01-25
FRIOR PLILING DATE: 2000-01-13
FRIOR PLILING DATE: 2000-01-13
FRIOR APPLICATION NUMBER: 60/176, 334
FRIOR PLILING DATE: 2000-07-24
FRIOR PLILING DATE: 2000-07-24
FRIOR PLILING DATE: 2000-01-26
FRIOR FILING DATE: 2000-01-26
FRIOR FLILING DATE: 2000-01-26
FRIOR PLILING DATE: 2000-01-26
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CURRENT APPLICATION NUMBER: US/09/761,288
CURRENT FILING DATE: 2001-01-16
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32 TGCTGGGATTACAGGCGTGAGCCACCG
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US-09-761-288-48
; Sequence 48, Application US/09761288
; Patent No. US20020065405A1
; GENERAL INFORMATION:
    APPLICANT: Padigaru, Muralidhara
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Taupier, Raymond J
APPLICANT: Mishra, Vishnu
; APPLICANT: Tchernev, Velizar
; APPLICANT: Li, Li
APPLICANT: Li, Li
                                                                                                                                                                                                                 Sequence 41, Application US/09761288 Patent No. US20020065405A1 GENERAL INFORMATION:
APPLICANT: Padigaru, Muralidhara
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ORGANISM: Homo sapiens
                                                                                                                                                                               US-09-761-288-41/c
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Pred. No. 1;
0; Mismatches 5; Indels
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Best Local Similarity 94.3%;
Matches 82; Conservative (
       Taupier, Raymond J
                                      Tchernev, Velizar
Spytek, Kimberky
Li, Li
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Homo sapiens
US-09-761-288-52
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APPLICANT: Gerlach, Valerie L
APPLICANT: Gerlach, Valerie L
APPLICANT: Gerlach, Valerie L
APPLICANT: Gerlach, Valerie L
APPLICANT: MacDougall, John R
APPLICANT: MacDougall, John R
APPLICANT: Gerlach
TITLE OF INTENTION: No. US20030077794Alel Polypeptides and Nucleic Acids Encoding Sam
FILE REFERENCE: 15966-638CIP
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 60/176,134
PRIOR APPLICATION NUMBER: 60/176,134
PRIOR PELING DATE: 2000-01-14
PRIOR PELING DATE: 2000-01-13
PRIOR PELING DATE: 2000-07-24
PRIOR PELING DATE: 2000-07-24
PRIOR APPLICATION NUMBER: 60/178,227
PRIOR PELING DATE: 2000-07-24
PRIOR PELING DATE: 2000-07-24
PRIOR PELING DATE: 2000-07-24
PRIOR PELING DATE: 2000-07-24
PRIOR PELING DATE: 2000-07-25
PRIOR APPLICATION NUMBER: 60/178,227
PRIOR APPLICATION NUMBER: 09/761,288
PRIOR PILING DATE: 2000-01-25
PRIOR APPLICATION NUMBER: 09/761,288
PRIOR PILING DATE: 2001-01-16
NUMBER OF SEQ ID NOS: 104
CENTRAL APPLICATION NUMBER: 09/761,288
PRIOR PRIOR PILING DATE: 2001-01-16
NUMBER OF SEQ ID NOS: 104
CENTRAL APPLICATION NUMBER: 09/761,288
                                                                                                              2286 GTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCCGCCCACCTCGGCCTCCCAAAG 2345
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                                                                                                                                   94 GTTAGCCAGGATGGTCTCGATCTCCTGACCTCATGATCCACCCGCCTCGGCCTCCGCAAAG 35
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                                      DB 1; Length 94;
                                                                           4; Indels
                                    Query Match 3.4%; Score 80.6; DB Best Local Similarity 95.4%; Pred. No. 0.87; Matches 83; Conservative 0; Mismatches
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Sequence 52, Application US/09761288
; Patent No. US20020065405A1
; GRNERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Prayaga, Sudhirdas
                                                                                                                                                                                                                                                                                                                 Sequence 48, Application US/09898586
Publication No. US20030077794A1
GENERAL INFORMATION:
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US-09-898-586-48
US-09-898-586-41
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TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                                                    Length 94;
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FUDLication No. US20040010132A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: 53 Human Secreted Proteins
FILE REFERENCE: PSO18P2
CURRENT APPLICATION NUMBER: US/09/984,429
CURRENT FILING DATE: 2001-10-30
FRIOR PELIGATION NUMBER: 09/284,131
FRIOR FILING DATE: 1999-04-08
FRIOR APPLICATION NUMBER: 09/288,143
FRIOR PILING DATE: 1999-10-09
FRIOR PILING DATE: 1999-10-09
FRIOR PILING DATE: 1997-10-09
FRIOR PILING DATE: 1997-10-09
FRIOR APPLICATION NUMBER: 60/061,529
FRIOR APPLICATION NUMBER: 60/061,529
FRIOR APPLICATION NUMBER: 60/061,529
FRIOR APPLICATION NUMBER: 60/061,529
FRIOR APPLICATION NUMBER: 60/061,536
FRIOR APPLICATION NUMBER: 60/061,536
FRIOR APPLICATION NUMBER: 60/061,536
FRIOR FILING DATE: 1997-10-09
FRIOR APPLICATION NUMBER: 60/061,536
FRIOR FILING DATE: 1997-10-09
                                                                                                                                                                                                                                                                                                                                                                                    Score 79; DB 1;
Pred. No. 1;
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Best Local Similarity 94.3%; Pred. No. 1;
Matches 82; Conservative 0; Mismatches
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                         PRIOR APPLICATION NUMBER: 09/761,288
PRIOR FILING DATE: 2001-01-16
NUMBER OF SEQ ID NOS: 104
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 52
LENGTH: 94
PRIOR FILING DATE: 2000-07-25
                                                                                                                                                                                                                                        , TYPE: DNA
, ORGANISM: Homo sapiens
US-09-898-586-52
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CRGANISM: Homo sapiens
US-09-984-429-613
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Best Local Similarity
Matches 82; Conserve
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US-09-984-429-613
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US-09-564-877-3775/c

US-09-564-877-3775/c

Sequence 3775, Application US/09764877

Patent No. US2002014714031

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PC005

CURRENT APPLICATION NUMBER: US/09/764,877

CURRENT PILING DATE: 2001-01-17

Prior application data removed - refer to PALM or file wrapper

NUMBER OF SEQ ID NOS: 4031

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 3775

LENGTH: 87
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Publication No. US20040009488A1
Sequence 3776.
Publication No. US2004000948BA1
GENERAL INFORMATION:
APPLICANT: ROSEN et al.
TITLE OF INVENTION: NUCLEIC Acids, Proteins, and Antibodies
FILE REPERENCE: PC005C1
CURRENT FILING DATE: 2002-09-13
FRIOR PEDLICATION NUMBER: US/10/242,515
CURRENT FILING DATE: 2000-01-31
FRIOR FILING DATE: 2000-01-17
FRIOR PEDLICATION NUMBER: 60/19,065
FRIOR PEDLICATION NUMBER: 60/19,065
FRIOR PEDLICATION NUMBER: 60/214,886
FRIOR FILING DATE: 2000-02-04
FRIOR FILING DATE: 2000-05-01
FRIOR PELICATION NUMBER: 60/217,487
FRIOR PELICATION NUMBER: 60/217,487
FRIOR PELICATION NUMBER: 60/217,487
FRIOR PELICATION NUMBER: 60/217,487
FRIOR APPLICATION NUMBER: 60/220,963
FRIOR PELING DATE: 2000-06-14
FRIOR APPLICATION NUMBER: 60/220,963
FRIOR PELING DATE: 2000-07-11
FRIOR APPLICATION NUMBER: 60/220,963
FRIOR PELING DATE: 2000-08-14
FRIOR PELING DATE: 2000-08-14
FRIOR PELING DATE: 2000-08-14
FRIOR FILING DATE: 2000-08-14
FRIOR FILIN
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Best Local Similarity 92.0%;
Matches 80; Conservative
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US-09-764-877-3775
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; ORGANISM: Homo sapiens
US-10-242-515-3775
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Best Local Similarity
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Page 19

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2286 GTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCCGCCCACCTCGGCCTCCCAAAG 2345
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Publication No. US20030119765A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: CHEW, Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: AGRAWAL, Sudhir
APPLICANT: AGRAWAL, Sudhir
TITLE OF INVENTION: MAC-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 09/83,507
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
NUMBER OF SEQ ID NOS: 2.0
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Pred. No. 1.8;
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                                                                              PRIOR APPLICATION NUMBER: 60/177, 839
PRIOR FILING DATE: 2000-01-25
PRIOR FILING DATE: 2000-01-14
PRIOR PELING DATE: 2000-01-14
PRIOR PELING DATE: 2000-01-14
PRIOR PELING DATE: 2000-01-13
PRIOR PELING DATE: 2000-01-13
PRIOR PELING DATE: 2000-01-14
PRIOR PELING DATE: 2000-01-14
PRIOR APPLICATION NUMBER: 60/126, 324
PRIOR PILING DATE: 2000-07-24
PRIOR APPLICATION NUMBER: 60/178, 191
PRIOR APPLICATION NUMBER: 60/178, 191
PRIOR PILING DATE: 2000-01-26
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PATENTIN Ver. 2.1
                                 CURRENT APPLICATION NUMBER: US/09/89/
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 60/177,839
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Best Local Similarity 100.
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Matches 79; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
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LENGTH: 73
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US-19-19.1281-3/10.

US-19-19.1281-3/10.

Patent No. US2020065405A1

Fatent No. US2020065405A1

FAPLICANT: Padigaru, Muralidhara

APPLICANT: Padigaru, Muralidhara

APPLICANT: Padigaru, Muralidhasa

APPLICANT: Padigaru, Muralidhasa

APPLICANT: Padigaru, Muralidhasa

APPLICANT: Spytek, Kimberky

PRIMERRY ERERENCE: 15966-640

FILE OF INVENTION: NO. US2020065405A1e1 Polypeptides and Nucleic Acids Encoding Sam

FILE REFERENCE: 15966-640

FRIOR PAPLICATION NUMBER: 00/177, 839

FRIOR PELLON NUMBER: 60/175, 989

FRIOR PELLON NUMBER: 60/175, 980

FRIOR PELLON NUMBER: 60/175, 980
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Publication No. US20030077794A1
GENERAL INFORMATION:
APPLICANT: Gerlach, Valerie L
APPLICANT: MacDougall, John R
APPLICANT: Smithson, Glennda
TITLE OF INVENTION: No. US20030077794A1el Polypeptides and Nucleic Acids Encoding Sam
                                                         2280 CACCGTGTTAGCCAGGATGGTCTCGATGTCCTGACCTCGTGATCCGCCCCACCTCGGCCTC 2339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2286 GITAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCCGCCCACCTCGGCCTCCCAAAG 2345
                                                                                                87 CACCATGTTGGCCAGGCTGGTCTCGAACTCCTGACCTCATGATCCGCCCACCTCGGCCTC 28
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      0; Gaps
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   7; Indels
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   0; Mismatches
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0; Mismatches
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90.8%;
   Conservative
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; ORGANISM: Homo sapiens
US-09-761-288-37
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Best Local Similarity
Matches 79; Conserv
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Matches
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665 AGGTACATCTGTGAGTGAGAACAGGTGTCACCTTGAAGGTGGGGGGTGATCAAAAGGACCT 724
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                           2280 CACCGIGITAGCCAGGAIGGICICGAICTCCIGACCICGIGAICCGCCCACCICGGCCIC
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                                                                                                                                                                                                                                                                              Sequence 962, Application US/09764860
Fatent No. US20020094953A1
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION:
FILE REFERENCE: PC008
CURRENT APPLICATION NUMBER: US/09/764,860
CURRENT PILLING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 1198
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 962
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-07/95-95

Sequence 962, Application US/10074095

Publication No. US2003007770441

SERNEMAL INPORMATION:

APPLICALI SOBEN et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PCOOBCI

CURRENT APPLICATION NUMBER: US/10/074,095

CURRENT FILING DATE: 2002-02-14

PRIOR APPLICATION NUMBER: 09/764,860

PRIOR APPLICATION NUMBER: 09/764,860

PRIOR APPLICATION NUMBER: 60/19,065

PRIOR APPLICATION NUMBER: 60/19,065

PRIOR PILING DATE: 2000-01-31

PRIOR PILING DATE: 2000-02-04

PRIOR PILING DATE: 2000-06-14

PRIOR APPLICATION NUMBER: 60/217,487

PRIOR APPLICATION NUMBER: 60/217,487

PRIOR APPLICATION NUMBER: 60/220,963

PRIOR PILING DATE: 2000-07-11

PRIOR PELING DATE: 2000-07-14

PRIOR PELING DATE: 2000-07-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3.1%; Score 72.6; DB 1; Length 87;
89.7%; Pred. No. 2.2;
tive 0; Mismatches 9; Indels
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Best Local Similarity 89.77
Matches 78; Conservative
                                                                                                                                          13 TGTACAAGAGCTT 1
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ORGANISM: Homo sapiens
US-09-764-860-962
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US-09-764-860-962
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US-10-074-095-962
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DR FILLING DATE: 2000-08: 0/22, 710

DR APPLICATION NUMBER: 60/236,369

DR APPLICATION NUMBER: 60/234,519

DR APPLICATION NUMBER: 60/224,519

DR FILING DATE: 2000-08-14

DR FILING DATE: 2000-07-26

DR APPLICATION NUMBER: 60/21,809

DR APPLICATION NUMBER: 60/241,809

DR PILING DATE: 2000-10-20

DR APPLICATION NUMBER: 60/249,299

DR FILING DATE: 2000-110-20

DR APPLICATION NUMBER: 60/249,299

DR FILING DATE: 2000-110-20

DR APPLICATION NUMBER: 60/236,327

DR FILING DATE: 2000-110-10
R FILING DATE: 2000-08-14
R PAPLICATION NUMBER: 60/226,868
R FILING DATE: 2000-08-22
R APPLICATION NUMBER: 60/216,647
R APPLICATION NUMBER: 60/225,267
R APPLICATION NUMBER: 60/225,267
R FILING DATE: 2000-09-14
                                                                                                                                                                                                                                                                            R FILING DATE: 2000-08-14
R RAPLICATION NUMBER: 60/251,869
R R FILING DATE: 2000-12-08
R RPLING DATE: 2000-09-27
R RAPLICATION NUMBER: 60/234,274
R RAPLICATION NUMBER: 60/234,274
R RELING DATE: 2000-09-27
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R APPLICATION NUMBER: 60/244,617

R FILING DATE: 2000-11-01

R FILING DATE: 2000-11-01

R FILING DATE: 2000-08-14

R FILING DATE: 2000-08-14
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R FILING DATE: 2000-12-08
R APPLICATION NUMBER: 60/251, 868
R FILING DATE: 2000-12-08
R APPLICATION NUMBER: 60/229, 344
R FILING DATE: 2000-09-01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICATION NUMBER: 60/234,223
FILING DATE: 2000-09-21
APPLICATION NUMBER: 60/228,924
FILING DATE: 2000-08-30
APPLICATION NUMBER: 60/224,518
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APPLICATION NUMBER: 60/229,343
FILING DATE: 2000-09-01
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FILING DATE: 2000-09-01
APPLICATION NUMBER: 60/229,287
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APPLICATION NUMBER: 60/231,413
FILING DATE: 2000-09-08
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FILING DATE: 2000-09-05
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FILING DATE: 2000-09-29
APPLICATION NUMBER: 60/236,802
FILING DATE: 2000-10-02
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APPLICATION NUMBER: 60/225,270
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APPLICATION NUMBER: 60/229,513
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FILING DATE: 2000-10-02
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FILING DATE: 2000-10-02
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R FILING DATE: 2000-10-02
R APPLICATION NUMBER: 60/237,040
R FILING DATE: 2000-10-02
R APPLICATION NUMBER: 60/240,960
R FILING DATE: 2000-10-20
R APPLICATION NUMBER: 60/239,935
R FILING DATE: 2000-10-13
R APPLICATION NUMBER: 60/239,937
R FILING DATE: 2000-10-13
                                                                                                                                 R APPLICATION NUMBER: 60/241,787
R FILING DATE: 2000-10-20
A PPLICATION NUMBER: 60/246,474
R FILING DATE: 2000-11-08
R APPLICATION NUMBER: 60/246,532
R APPLICATION NUMBER: 60/246,532
R APPLICATION NUMBER: 60/249,216
R APPLICATION NUMBER: 60/249,216
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APPLICATION NUMBER: 60/215,135
FILING DATE: 2000-06-30
APPLICATION NUMBER: 60/225,266
FILING DATE: 2000-08-14
APPLICATION NUMBER: 60/249,218
FILING DATE: 2000-11-17
APPLICATION NUMBER: 60/249,208
FILING DATE: 2000-11-17
APPLICATION NUMBER: 60/249,213
FILING DATE: 2000-11-17
APPLICATION NUMBER: 60/249,213
FILING DATE: 2000-11-17
APPLICATION NUMBER: 60/249,213
FILING DATE: 2000-11-17
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FLICATION NUMBER: 60/227,182
TANG DATE: 2000-08-22
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FLICATION NUMBER: 60/225,214
TIME DATE: 2000-08-14
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PPLICATION NUMBER: 60/249,245
ILING DATE: 2000-11-17
PPLICATION NUMBER: 60/249,244
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PPLICATION NUMBER: 60/249,297
TIME DATE: 2000-11-17
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LING DATE: 2000-11-17
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LING DATE: 2000-08-14
PLICATION NUMBER: 60/225,213
LING DATE: 2000-08-14
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APPLICATION NUMBER: 60/249,211
FILING DATE: 2000-11-17
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FILING DATE: 2000-11-17
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APPLICATION NUMBER: 60/249,264
FILING DATE: 2000-11-17
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FILING DATE: 2000-09-08
APPLICATION NUMBER: 60/231,414
                                                                                                                                                                                                                                                                      PLICATION NUMBER: 60/226,681
LING DATE: 2000-08-22
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PLICATION NUMBER: 60/235,836
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PLICATION NUMBER: 60/230,438
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PLICATION NUMBER: 60/249,207
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APPLICATION NUMBER: 60/249,217
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APPLICATION NUMBER: 60/237,037
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2280 CACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCCGCCCACCTCGGCCTC 2339
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Publication No. US20030215893A1

GENERAL INFORMATION:

TITLE OF INVENTION:

FILE REPERENCE: PCO08C2

CURRENT APPLICATION NUMBER: US/10/212,872

CURRENT FILING DATE: 2002-08-07

Prior application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 1198

SOFTWARE: PatentIn Ver. 2.0

LENGTH: 87
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Pred. No. 2.2;
0; Mismatches 9; Indels
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                                                    R FILING DATE: 2000-09-14

R APPLICATION NUMBER: 60/233, 063

R APPLICATION NUMBER: 60/232, 397

R FILING DATE: 2000-09-14

R FILING DATE: 2000-09-14

R PILING DATE: 2000-09-14

R PELING DATE: 2000-09-14

R PELING DATE: 2000-09-14

R PELING DATE: 2000-09-14
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APPLICATION NUMBER: 60/246,475
FILING DATE: 2000-11-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: 60/231,243
FILING DATE: 2000-09-08
                   FILING DATE: 2000-09-08
APPLICATION NUMBER: 60/233,064
                                                                                                                                                                                                                                                                                                    FILING DATE: 2000-10-20
APPLICATION NUMBER: 60/241,786
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APPLICATION NUMBER: 60/241,221
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Best Local Similarity 89.7%;
Matches 78; Conservative
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US-10-212-872-962
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US-09-764-860-766
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PRIOR
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2280 CACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCCGCCCACCTCGGCCTC 2339
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FILE REFERENCE: PC008
CURRENT APPLICATION VMDER: US/09/764,860
CURRENT APPLICATION UMBER: US/09/764,860
FILE REPERENCE: PC008
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 1198
SEQ ID NO 766
LENGTH: 87
                                                                                                                                                                                                         Query Match 3.0%; Score 71; DB 1; Length 87; Best Local Similarity 88.5%; Pred. No. 2.7; Matches 77; Conservative 0; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                                       2340 CCAAAGTGCTGGGATTACAGGCATGAG 2366
Sequence 766, Application US/09764860
Patent No. US20020094953A1
GENERAL INFORMATION:
                                                                                                                                                           ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-860-766
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RETLING DATE: 2000-08-14

RR APPLICATION NUMBER: 60/220,964

RR FILING DATE: 2000-07-26

RR FILING DATE: 2000-10-20

RR FILING DATE: 2000-10-20

RR FILING DATE: 2000-11-17

RR APPLICATION NUMBER: 60/249,299

RR FILING DATE: 2000-11-17

RR APPLICATION NUMBER: 60/249,785

RR APPLICATION NUMBER: 60/241,785

RR FILING DATE: 2000-10-20

RR FILING DATE: 2000-11-01

RR APPLICATION NUMBER: 60/241,785

RR FILING DATE: 2000-11-01

RR APPLICATION NUMBER: 60/241,785

RR FILING DATE: 2000-11-01 R FILING DATE: 2000-08-14

R APPLICATION NUMBER: 60/236,368

RR PILING DATE: 2000-09-29

RR APPLICATION NUMBER: 60/251,856

RR FILING DATE: 2000-12-08

RR FILING DATE: 2000-12-08

RR FILING DATE: 2000-12-08

RR FILING DATE: 2000-12-08 R FILING DATE: 2000-09-01

R APPLICATION NUMBER: 60/234,997

R FILING DATE: 2000-09-25

R FILING DATE: 2000-09-10

R FILING DATE: 2000-09-01

R FILING DATE: 2000-09-01

R APPLICATION NUMBER: 60/229,345

R FILING DATE: 2000-09-01

R APPLICATION NUMBER: 60/229,287

R FILING DATE: 2000-09-01

R APPLICATION NUMBER: 60/229,509

R FILING DATE: 2000-09-05

R PILING DATE: 2000-09-08

R PRILING DATE: 2000-09-08

R PILING DATE: 2000-09-09

R PILING DATE: 2000-09-08 R APPLICATION NUMBER: 60/228,924
R FILING DATE: 2000-08-30
R APPLICATION NUMBER: 60/224,518
R FILING DATE: 2000-08-14
R APPLICATION NUMBER: 60/236,369
R FILING DATE: 2000-09-29
R APPLICATION NUMBER: 60/224,519 FILING DATE: 2000-10-02
APPLICATION NUMBER: 60/236,370
FILING DATE: 2000-09-29
APPLICATION NUMBER: 60/236,802
FILING DATE: 2000-10-02 FILING DATE: 2000-10-02 APPLICATION NUMBER: 60/240,960 FILING DATE: 2000-10-20 FILING DATE: 2000-09-27 APPLICATION NUMBER: 60/234,274 FILING DATE: 2000-09-21
APPLICATION NUMBER: 60/234,223 FILING DATE: 2000-10-13 APPLICATION NUMBER: 60/241,787 FILING DATE: 2000-10-20 PLICATION NUMBER: 60/235,834 LING DATE: 2000-09-27 APPLICATION NUMBER: 60/237,037 FILING DATE: 2000-10-02 APPLICATION NUMBER: 60/237,040 APPLICATION NUMBER: 60/239,935 APPLICATION NUMBER: 60/239,937 FILING DATE: 2000-09-21 LING DATE: 2000-10-13

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2280 CACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCCGCCCACCTCGGCCTC 2339
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Publication No. US20030235831A1

GENERAL INPORMATION:

APPLICANT: ROSEN et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFRENCE: PC003C1

CURRENT APPLICATION NUMBER: US/10/242,355

CURRENT FILING DATE: 2002-09-13

PRIOR FILING DATE: 2001-01-17

PRIOR APPLICATION NUMBER: 60/764,897

PRIOR FILING DATE: 2000-01-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PCOGGC2
CURRENT APPLICATION NUMBER: US/10/212,872
CURRENT FILING DATE: 2002-08-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 3.0%; Score 71; DB 1; Length 87; Best Local Similarity 88.5%; Pred. No. 2.7; Matches 77; Conservative 0; Mismatches 10; Indels
                                                                                                                                                                                                                                                                                          3.0%; Score 71; DB 1; Length 87; 88.5%; Pred. No. 2.7;
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NUMBER OF SEQ ID NOS: 1198
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                         0; Mismatches
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                                                                             DR FILING DATE: 2000-10-20

PR APPLICATION NUMBER: 60/241,786

PR FILING DATE: 2000-10-20

PR FILING DATE: 2000-10-20

PR FILING DATE: 2000-10-20

PR PELLING DATE: 2000-11-08

PR FILING DATE: 2000-11-08

PR FILING DATE: 2000-11-08

PR FILING DATE: 2000-11-08

PR FILING DATE: 2000-11-08
                   APPLICATION NUMBER: 60/241,808
FILING DATE: 2000-10-20
APPLICATION NUMBER: 60/241,826
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; Sequence 766, Application US/10212872
; Publication No. US20030215893A1
; GENERAL INPORMATION:
FILING DATE: 2000-09-1
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Best Local Similarity 88.3v
Best Local 77; Conservative
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ORGANISM: Homo sapiens
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RESULT 30
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Sequence 974, Application US/10242355
Publication No. US20030235831A1
Sequence 974, Application US/10242355
Publication No. US20030235831A1
SERBERALE: PROSEMENCE: PC00321
STILE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REPREBREE: PC00321
CURRENT APPLICATION NUMBER: 05/764,897
FRIOR APPLICATION NUMBER: 06/179,065
FRIOR APPLICATION NUMBER: 06/179,065
FRIOR APPLICATION NUMBER: 06/179,065
FRIOR PELING DATE: 2000-01-31
FRIOR PELING DATE: 2000-02-04
FRIOR PELING DATE: 2000-00-04
FRIOR PELING DATE: 2000-00-07-11
FRIOR PELING DATE: 2000-07-11
FRIOR PELING DATE: 2000-09-14
FRIOR PELING DATE: 2000-07-11
FRIOR PELING DATE: 2000-07-11
FRIOR APPLICATION NUMBER: 60/217,496
FRIOR PELING DATE: 2000-09-14
FRIOR PELING DATE: 2000-07-11
FRIOR PELING DATE: 2000-07-11
FRIOR APPLICATION NUMBER: 60/217,496
FRIOR FILING DATE: 2000-07-11
FRIOR APPLICATION NUMBER: 60/217,496
FRIOR FILING DATE: 2000-07-11
FRIOR APPLICATION NUMBER: 60/217,496
FRIOR FILING DATE: 2000-07-11
FRIOR FILING DATE: 2000-07-11
FRIOR FILING DATE: 2000-07-11
FRIOR FILING DATE: 2000-07-14
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SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 972
LENGTH: 87
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PRIOR APPLICATION NUMBER: 60/180,628
PRIOR FILING DATE: 2000-02-04
PRIOR PELING DATE: 2000-02-04
PRIOR PELING DATE: 2000-06-28
PRIOR PILING DATE: 2000-07-11
PRIOR APPLICATION NUMBER: 60/217,487
PRIOR PILING DATE: 2000-07-11
PRIOR PILING DATE: 2000-08-14
PRIOR PILING DATE: 2000-07-16
PRIOR PILING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/225,758
PRIOR APPLICATION NUMBER: 60/226,758
PRIOR PILING DATE: 2000-07-11
PRIOR FILING DATE: 2000-07-11
PRIOR FILING DATE: 2000-08-14
PRIOR FILING DATE: 2000-08-14
PRIOR FILING DATE: 2000-08-14
PRIOR FILING DATE: 2000-07-14
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EQ ID NO 974
LENGTH: 87
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US-10-242-355-972
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US-10-242-355-974
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88.5%; Pred. No. 2.7;
tive 0; Mismatches 10; Indels
                                      Query Match 3.0%; Score 71; DB 1; Length 87; Best Local Similarity 88.5%; Pred. No. 2.7; Matches 77; Conservative 0; Mismatches 10; Indels
                                                                                                                                              2340 CCAAAGTGCTGGGATTACAGGCATGAG 2366
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; Sequence 1278, Application US/09920300A
; Patent No. US20020136728A1
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Best Local Similarity 88.5%
Elect Local 77; Conservative
; ORGANISM: Homo sapiens
US-10-242-355-974
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Publication No. US20020131971A1

GENERAL INFORMATION:
APPLICANT: King, Gordon E.
APPLICANT: Meagher, Madeleine Joy
APPLICANT: Secriet, Heather
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: ADD DIAGNOSIS OF COLON CANCER
FILE REFERENCE: 210121.547C1
CURRENT APPLICATION NUMBER: US/10/033,528
CURRENT APPLICATION NUMBER: US/10/033,528
NUMBER OF SEQ ID NOS: 1896
SOFTWARE: FREEEE FORESEQ FOR Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 3.0%; Score 70.8; DB 1; Length 84; Best Local Similarity 91.5%; Pred. No. 2.7; Matches 75; Conservative 0; Mismatches 7; Indels
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2.7;
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GENERAL INFORMATION:
APPLICANT: King, Gordon B.
APPLICANT: Xu, Jiangchun
APPLICANT: Xu, Jiangchun
APPLICANT: Xu, Jiangchun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
FILE REFERENCE: 210121.547
CURRENT APPLICATION NUMBER: US/09/920,300A
CURRENT FILING DATE: 2001-07-31
NUMBER OF SEQ ID NOS: 1789
SOFTWARE: FREESEQ for Windows Version 4.0
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91.5%; Pred. No. 2.7;
iive 0; Mismatches
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Publication No. US20030166064A1
GENERAL INFORMATION:
APPLICANT: King, Gordon E.
APPLICANT: Meagher, Madeleine Joy
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Best Local Similarity 91.5<sup>3</sup>
Matches 75; Conservative
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US-10-033-528-1278
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US-09-920-300A-1278
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LENGTH: 84
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
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Patent No. US20020042096A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies:

FILE REFERENCE: PA113

CURRENT APPLICATION NUMBER: US/09/764,887

CURRENT APPLICATION AGAIE: 2001-01-17

Prior application data removed - consult PALM or file wrapper is NUMBER: OF SEQ ID NOS: 658

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 607
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PALI3
CURRENT APPLICATION NUMBER: US/09/764,887
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 658
                                                                                                                                                                                                                                                                                                                                                                                                                      Length 84;
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                   APPLICANT: Secrist, Heather
APPLICANT: Jang, Yugiu
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: COMPOSITIONS OF COLON CANCER
FILE REFERENCE: 210121.547C2
CURRENT APPLICATION NUMBER: US/10/099,926
CURRENT FILING DATE: 2002-03-17
NUMBER OF SEQ ID NOS: 1982
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1278
LENGTH: 84
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Pred. No. 2.7;
0; Mismatches 7;
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Best Local Similarity 91.5%;
Matches 75; Conservative
Xu, Jiangchun
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; ORGANISM: Homo sapiens
US-10-099-926-1278
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US-09-764-887-607
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Fatent No. US2002006121A1
GENERAL INFORMATION:
FATELICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PCOO7
CURRENT APPLICATION NUMBER: US/09/764,869
CURRENT FILING DATE: 2001-01-17
Frior application data removed - refer to PALM or file wrapper
NUMBER OF SEQ ID NOS: 2442
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 1866
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) Patent No. US20020042096A1
) GENERAL INFORMATION:
) APPLICANT: Rosen et al.
) TITLE OF INVENTION:
) TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
PILE REFERENCE: PA113
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 658
) SOFTWARE: PatentIN Ver. 2.0
) SEQ ID NO 610
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Pred. No. 3.2;
0; Mismatches 11; Indels
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Best Local Similarity 87.4%;
Matches 76; Conservative
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Best Local Similarity 87.4%;
Matches 76; Conservative
SOFTWARE: Patentin Ver. 2.0
                                                             TYPE: DNA; ORGANISM: Homo sapiens
US-09-764-887-608
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CRGANISM: Homo sapiens
US-09-764-869-1866
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US-09-764-887-610
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                    SEQ ID NO 608
LENGTH: 87
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2.9%; Score 69.4; DB 1; Length 87; 87.4%; Pred. No. 3.2;

Query Match Best Local Similarity

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; Patent No. US20020147140A1
; Patent No. US20020147140A1
; GENERAL INFORMATION:
; APPLICANT Rosen et al.
; TITLE OF INVENTION: UNABER: US/09/764,877
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - refer to PALM or file wrapper; NUMBER OF SEQ ID NOS: 4031
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2831
; LENGTH: 87
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Patent No. US2002014140A1

GENERAL INFORMATION:

APPLICANT: ROSEN et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PC005

CURRENT APPLICATION NUMBER: US/09/764,877

CURRENT PILING DATE: 2001-01-17

Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 4031

SOFTWARE PATENTIN Ver. 2.0
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Pred. No. 3.2;
0; Mismatches 11; Indels
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Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches 11;
0; Mismatches
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Best Local Similarity 87.4%;
Matches 76; Conservative
76; Conservative
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CONGANISM: Homo sapiens
US-09-764-877-2829
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US-09-764-877-2831
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US-09-764-877-2831/c
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Matches
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                                                                            APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC005
CURRENT APPLICATION NUMBER: US/09/764,877
CURRENT FILING DATE: 2001-01-17
Prior application data removed - refer to PALM or file wrapper NUMBER OF SEQ ID NOS: 4031
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 2832
LENGTH: 87
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Publication No. US20030077808A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFREENCE: PC006
CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 10231
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0; Mismatches 11; Indels
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0; Mismatches
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                   Sequence 2832, Application US/09764877
Patent No. US20020147140A1
GENERAL INFORMATION:
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US-09-764-877-2832
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US-09-764-891-5536
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Best Local Similarity
Matches 76; Conserv
US-09-764-877-2832/c
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L.FNGTH: 87
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| Sequence loose, Application US/09764891
| Publication No. US20030077808A1
| GENERAL INFORMATION:
| APPLICANT: Rosen et al.
| TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
| CURRENT PELICATION NUMBER: US/09/764,891
| CURRENT PILING DATE: 2001-01-17
| Prior application data removed - consult PALM or file wrapper
| SOFTHARE PatentIn Ver. 2.0
| SEQ ID NO 10026
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; Publication No. US20030059908A1
; GENERAL INFORMATION:
; APPLICANT: Rosen et al.
; TITLE OF INVENTION:
; TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
; FILE REFERENCE: PC007C1
; CURRENT FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 2442
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 1866
; SEQ ID NO 1866
; LENGTH: 87
                                                        - consult PALM or file wrapper
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CURRENT APPLICATION NUMBER: US/09/764,891
CURRENT FILLING DATE: 2001-01-17
Prior application data removed - consult E
NUMBER OF SEQ ID NOS: 10231
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5537
LENGTH: 87
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; ORGANISM: Homo sapiens
US-09-764-891-5537
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; ORGANISM: Homo sapiens
US-09-764-891-10026
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Best Local Similarity
Matches 76; Conserv
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R APPLICATION NUMBER: 60/229,509
R FILING DATE: 2000-09-05
R APPLICATION NUMBER: 60/236,367
R FILING DATE: 2000-09-29
R APPLICATION NUMBER: 60/237,039
R FILING DATE: 2000-10-02
R APPLICATION NUMBER: 60/237,038
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R APPLICATION NUMBER: 60/236,370
R FILING DATE: 2000-09-29
R APPLICATION NUMBER: 60/236,802
RR FILING DATE: 2000-10-02
R APPLICATION NUMBER: 60/237,037
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R FILING DATE: 2000-10-13
R APPLICATION NUMBER: 60/239,937
R FILING DATE: 2000-10-13
R APPLICATION NUMBER: 60/241,787
R FILING DATE: 2000-10-20
                              APPLICATION NUMBER: 60/220,964
FILING DATE: 2000-07-26
APPLICATION NUMBER: 60/241,809
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APPLICATION NUMBER: 60/229,344
FILING DATE: 2000-09-01
APPLICATION NUMBER: 60/234,997
FILING DATE: 2000-09-25
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APPLICATION NUMBER: 60/237,040
FILING DATE: 2000-10-02
APPLICATION NUMBER: 60/240,960
FILING DATE: 2000-10-20
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APPLICATION NUMBER: 60/249,299
FILING DATE: 2000-11-17
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FILING DATE: 2000-09-29
APPLICATION NUMBER: 60/241,785
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APPLICATION NUMBER: 60/244,617
FILING DATE: 2000-11-01
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APPLICATION NUMBER: 60/236,368
FILING DATE: 2000-09-29
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FILING DATE: 2000-12-08
APPLICATION NUMBER: 60/251,868
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FILING DATE: 2000-09-01
APPLICATION NUMBER: 60/229,345
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FILING DATE: 2000-11-08
APPLICATION NUMBER: 60/246,532
FILING DATE: 2000-11-08
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APPLICATION NUMBER: 60/249,210
FILING DATE: 2000-11-17
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APPLICATION NUMBER: 60/225,213
FILING DATE: 2000-08-14
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APPLICATION NUMBER: 60/229,287
FILING DATE: 2000-09-01
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FILING DATE: 2000-09-05
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APPLICATION NUMBER: 60/249,216
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APPLICATION NUMBER: 60/225,759
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2.9%; Score 69.4; Di
Best Local Similarity 87.4%; Pred. No. 3.2;
Matches 76; Conservative 0; Mismatches
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; ORGANISM: Homo sapiens
US-10-091-504-1866
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PRIOR PELICATION NUMBER: 60/225, 214
PRIOR PELILING DATE: 2000-09-225
PRIOR APPLICATION NUMBER: 60/225, 214
PRIOR APPLICATION NUMBER: 60/225, 214
PRIOR APPLICATION NUMBER: 60/225, 214
PRIOR APPLICATION NUMBER: 60/225, 216
PRIOR APPLICATION NUMBER: 60/249, 218
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PRIOR APPLICATION NUMBER: 60/249, 218
PRIOR PILING DATE: 2000-01-17
PRIOR APPLICATION NUMBER: 60/249, 218
PRIOR PILING DATE: 2000-01-17
PRIOR PELING DATE: 2000-01-17
PRIOR PELING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249, 245
PRIOR PELING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249, 245
PRIOR APPLICATION NUMBER: 60/249, 245
PRIOR PELING DATE: 2000-11-17
PRIOR APPLICATION NUMBER: 60/249, 244
PRIOR APPLICATION NUMBER: 60/249, 244
PRIOR PELING DATE: 2000-11-17
PRIOR PELING DATE: 2000-09-08
PRIOR PELING DATE: 2000-09-08
PRIOR PELING DATE: 2000-09-08
PRIOR PELING DATE: 2000-09-09
PRIOR PELING DATE: 2000-09-14
PRIOR PELING
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PRIOR PRIOR PRIOR	APPLICATION FILING DATE: APPLICATION	NUMBER: 60/241,809 : 2000-10-20 NUMBER: 60/249,299	
PRIOR	G DATE	2000-11-17 NUMBER: 60/236,32	
88	FILING DATE: APPLICATION	: 2000-09-29 NUMBER: 60/241,785	
PRIOR	FILING DATE: APPLICATION	2000-10 NUMBER:	
PRIOR	FILING DATE APPLICATION	2000-11- NUMBER: 6	
RIOR	FILING DAT APPLICATIO	: 2000-08-14 NUMBER: 60/236,368	
PRIOR	FILING DAT	2000-09-2 NUMBER: 60	
RIOR	FILING DAT	2000-12- NUMBER: 6	
RIOR	FILING DAT APPLICATION	2000-12 NUMBER:	
RIOR	FILING DAT	2000-09-01 NUMBER: 60/234,	
PRIOR	FILING DATE: APPLICATION	229,3	
PRIOR	FILING DATE:	: 2000-09-01	
	FILING DATE:	2000-09-01	
	APPLICATION FILING DATE:	NUMBER: 60/229,287 : 2000-09-01	
	APPLICATION PILING DATE:	NUMBER: 60/229,513	
	APPLICATIO	NUMBER: 60	
PRIOR	FILING DAT APPLICATIO	: 2000-09-08 NUMBER: 60/229,509	
	FILING DAT	2000-09-05	
RIOR	PILING DAT	NUMBER: 60/236,36 : 2000-09-29	
RIOR	APPLICATIO	NUMBER: 60/237,039	
RIOR	APPLICATIO	. 200-10-02 NUMBER: 60/237,038	
	APPLICATIO	: 2000-10-02 NUMBER: 60/236,370	
	FILING DAT	2000-09-29	
	FILING DAT	2000-10-02	
PRIOR	APPLICATION FILING DATE:	NUMBER: 60/237,037 : 2000-10-02	
PRIOR	OIT.	NUMBER: 60/237, 040	
PRIOR	APPLICATION	. 2000-10-02 NUMBER: 60/240,960	
PRIOR	FILING DATE: APPLICATION	: 2000-10-20 NUMBER: 60/239,935	
PRIOR	FILING DATE: APPLICATION	: 2000-10-13 NIMBER: 60/239 937	
RIOR		: 2000-10-13	
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RIOR	APPLICATION FILING DATE:	NUMBER: 60/246,474 : 2000-11-08	
RIOR	ATION	NUMBER: 60	
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RIOR	DATE	: 2000-11-17 NUMBER: 60/249,210	
RIOR	FILING DATE:	: 2000-11-17 NIMBER: 60/236 681	
RIOR		8-22	
RIOR		NUMBER: 60/225,759 : 2000-08-14	
PRIOR		NUMBER: 60/225,213 : 2000-08-14	
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	APPLICATION	NUMBER: 60	

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R APPLICATION NUMBER: 60/236,327

R FILING DATE: 2000-09-29

R APPLICATION NUMBER: 60/241,785

R APPLICATION NUMBER: 60/244,617

R APPLICATION NUMBER: 60/244,617

R APPLICATION NUMBER: 60/24,617

R FILING DATE: 2000-11-01

R APPLICATION NUMBER: 60/25,268

R FILING DATE: 2000-09-29

R APPLICATION NUMBER: 60/251,856

R APPLICATION NUMBER: 60/251,866

R APPLICATION NUMBER: 60/251,868

R FILING DATE: 2000-12-08

R APPLICATION NUMBER: 60/251,868

R FILING DATE: 2000-12-08

R APPLICATION NUMBER: 60/29,344
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R FILING DATE: 2000-09-05
R APPLICATION NUMBER: 60/21,413
R APPLICATION NUMBER: 60/21,413
R APPLICATION NUMBER: 60/22,509
R FILING DATE: 2000-09-08
R PILING DATE: 2000-09-05
R FILING DATE: 2000-09-29
R APPLICATION NUMBER: 60/237,039
R APPLICATION NUMBER: 60/237,039
R APPLICATION NUMBER: 60/237,038
R PILING DATE: 2000-10-02
R PILING DATE: 2000-10-02
R PILING DATE: 2000-10-03
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R PILING DATE: 2000-10-03
R PILING DATE: 2000-10-02
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R APPLICATION NUMBER: 60/229, 343

R APLICATION NUMBER: 60/229, 345

R APLICATION NUMBER: 60/229, 345

R PILING DATE: 2000-09-01

R APPLICATION NUMBER: 60/229, 287

R FILING DATE: 2000-09-01
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FILING DATE: 2000-10-02
APPLICATION NUMBER: 60/240,960
FILING DATE: 2000-10-20
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APPLICATION NUMBER: 60/249,216
FILING DATE: 2000-11-17
APPLICATION NUMBER: 60/249,210
FILING DATE: 2000-11-17
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FILING DATE: 2000-08-22
APPLICATION NUMBER: 60/225,759
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APPLICATION NUMBER: 60/225,214
FILING DATE: 2000-08-14
APPLICATION NUMBER: 60/235,836
FILING DATE: 2000-09-27
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FILING DATE: 2000-10-02
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FILING DATE: 2000-10-13
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FILING DATE: 2000-10-13
APPLICATION NUMBER: 60/241,787
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APPLICATION NUMBER: 60/246,474
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APPLICATION NUMBER: 60/225,213
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APPLICATION NUMBER: 60/227,182
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FILING DATE: 2000-11-17
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FILING DATE: 2000-10-20
APPLICATION NUMBER: 60/249,299
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FILING DATE: 2000-07-26
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US-10-073-961-610
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2280 CACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCCGCCCACCTCGGCCTC 2339
      TITLE OF INVENTION:

PAPPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PC007C2

CURRENT APPLICATION NUMBER: US/10/227,577

CURRENT FILING DATE: 2002-08-26

PRIOR PELICATION NUMBER: 10/74,869

PRIOR FILING DATE: 2000-01-31

PRIOR PLICATION NUMBER: 60/179,065

PRIOR FILING DATE: 2000-01-31

PRIOR PLICATION NUMBER: 60/190,628

PRIOR FILING DATE: 2000-02-04

PRIOR FILING DATE: 2000-02-04

PRIOR FILING DATE: 2000-02-04

PRIOR PLICATION NUMBER: 60/217,487

PRIOR PLICATION NUMBER: 60/217,487

PRIOR PLICATION NUMBER: 60/225,758

PRIOR PLICATION NUMBER: 60/220,963

PRIOR PLICATION NUMBER: 60/220,963

PRIOR PLICATION NUMBER: 60/225,447

PRIOR PLING DATE: 2000-07-26

PRIOR PLING DATE: 2000-07-36

PRIOR PLING DATE: 2000-08-14

PRIOR PLING DATE: 2000-08-14
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Publication No. US20040009488A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFERENCE: PC005C1
CURRENT APPLICATION NUMBER: US/10/242,515
CURRENT FILING DATE: 2002-09-13
PRIOR APPLICATION NUMBER: 09/764,877
PRIOR FILING DATE: 2000-101-17
RICH APPLICATION NUMBER: 60/179,065
PRIOR FILING DATE: 2000-01-31
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Publication No. US20040005575A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
Matches 76; Conserv
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             PRIOR PILING DATE: 2000-09-06

PRIOR PLING DATE: 2000-08-14

PRIOR PLING DATE: 2000-08-14

PRIOR PLING DATE: 2000-08-14

PRIOR PLING DATE: 2000-08-14

PRIOR PLING DATE: 2000-18-14

PRIOR PLING DATE: 2000-11-17

PRIOR PLING DATE: 2000-01-18

PRIOR PLING DATE: 2000-01-19

PRIOR
60/230,438
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2280 CACCGIGITAGCCAGGATGGICTCGATCTCCTGACCTCGTGÄTCCGCCCCACCTCGGCCTC 2339

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2280 CACCGIGITAGCCAGGAIGGICTCGATCTCCTGACCTCGTGATCCGCCCACCTCGGCCTC 2339
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TITLE OF INVENTION:

TITLE OF INVENTION:

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

TITLE OF INVENTION: Nucleic 10/10/242,515

CURRENT FILING DATE: 2002-09-13

FRIOR PEDLICATION NUMBER: 09/764,877

FRIOR PELLING DATE: 2000-01-31

FRIOR PELLING DATE: 2000-01-31

FRIOR APPLICATION NUMBER: 60/180,628

FRIOR PELLING DATE: 2000-06-04

FRIOR PELLING DATE: 2000-06-04

FRIOR PELLING DATE: 2000-06-28

FRIOR PELLING DATE: 2000-06-28

FRIOR PELLING DATE: 2000-06-14

FRIOR PELLING DATE: 2000-07-11

FRIOR APPLICATION NUMBER: 60/220,963

FRIOR FILING DATE: 2000-07-11

FRIOR APPLICATION NUMBER: 60/220,963

FRIOR APPLICATION NUMBER: 60/225,758

FRIOR APPLICATION NUMBER: 60/225,447

FRIOR APPLICATION NUMBER: 60/217,496

FRIOR PELLING DATE: 2000-07-11

FRIOR PELLING DATE: 2000-07-11

FRIOR PELLING DATE: 2000-07-14

FRIOR FILING DATE: 2000-08-14

FRIOR FILING DATE: 2000-08-14
                        PRIOR FILING DATE: 2000-02-04

PRIOR PILING DATE: 2000-02-04

PRIOR PLING DATE: 2000-02-04

PRIOR PLING DATE: 2000-05-11

PRIOR PLING DATE: 2000-07-11

PRIOR PLING DATE: 2000-07-11

PRIOR PLING DATE: 2000-08-14

PRIOR PLING DATE: 2000-08-14

PRIOR APPLICATION NUMBER: 60/226,963

PRIOR APPLICATION NUMBER: 60/220,963

PRIOR APPLICATION NUMBER: 60/217,496

PRIOR PLING DATE: 2000-07-11

PRIOR PLING DATE: 2000-08-14

PRIOR PLING DATE: 2000-07-11

PRIOR PLING DATE: 2000-08-14

PRIOR PLING DATE: 2000-08-14

PRIOR PLING DATE: 2000-07-14

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PRIOR PLING DATE: 2000-07-14
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Publication No. US20040009488A1
GENERAL INFORMATION:
APPLICATION NUMBER: 60/180,628
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: DNA; ORGANISM: Homo sapiens
US-10-242-515-2829
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LENGTH: 87
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2280 CACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCTCGTGATCCGCCCACCTCGGCCTC 2339
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JITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REPERBERS: PC005C1
CURRENT APPLICATION NUMBER: US/10/242,515
CURRENT FILING DATE: 2002-09-13
FRIOR PPLICATION NUMBER: 09/764,877
FRIOR APPLICATION NUMBER: 06/179,065
FRIOR PLING DATE: 2000-01-31
FRIOR APPLICATION NUMBER: 06/180,628
FRIOR APPLICATION NUMBER: 06/214,886
FRIOR APPLICATION NUMBER: 06/214,886
FRIOR APPLICATION NUMBER: 06/214,487
FRIOR APPLICATION NUMBER: 06/214,487
FRIOR APPLICATION NUMBER: 06/225,758
FRIOR APPLICATION NUMBER: 06/225,758
FRIOR APPLICATION NUMBER: 06/225,758
FRIOR APPLICATION NUMBER: 06/225,768
FRIOR APPLICATION NUMBER: 06/225,768
FRIOR APPLICATION NUMBER: 06/225,447
FRIOR APPLICATION NUMBER: 06/225,447
FRIOR APPLICATION NUMBER: 06/225,447
FRIOR PILING DATE: 2000-07-11
FRIOR PILING DATE: 2000-07-14
FRIOR FILING DATE: 2000-07-14
FRIOR FILING DATE: 2000-07-14
FRIOR FILING DATE: 2000-08-14
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                                                                                                                                    Query Match 2.9%; Score 69.4; DB 1; Length 87; Best Local Similarity 87.4%; Pred. No. 3.2; Matches 76; Conservative 0; Mismatches 11; Indels
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US-10-758-307-74
Sequence 74, Application US/10758307
Publication No. US20040209290A1
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-242-515-2831
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; ORGANISM: Homo sapiens
US-10-242-515-2832
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Sequence 12590, Application US/09908975
Publication No. US20030165843A1
GENERAL INFORMATION:
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20 AGGCGTAAGCCACC 7
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Best Local Similarity 100.
Matches 60; Conservative
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Matches 61; Conservative
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US-09-908-975-12590
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ORGANISM: Homo sapien
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Publication No. US20040014115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
APPLICANT: Scholl, Thomas
APPLICANT: Benjamin, Brant C
APPLICANT: Pruss, Dmitry
ITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
ITLE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
CURRENT FILING DATE: 2002-06-09
PRIOR FILING DATE: 2002-06-09
PRIOR PLILNG DATE: 2002-06-07
PRIOR PLILNG DATE: 2002-06-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: PatentIn Version 3.2
IENGTH: 80
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2.9%; Score 68; DB 1; Length 68; 100.0%; Pred. No. 3.8; tive 0; Mismatches 0; Indels
         APPLICANT: GENERALTH, INC.
APPLICANT: RUSH UNIVERSITY MEDICAL CENTER
APPLICANT: Cobleigh, Melody
APPLICANT: Cobleigh, Melody
APPLICANT: Baker, Joffre
APPLICANT: Baker, Joffre
APPLICANT: Croin, Maurer
FILLE OF INVENTION: CANCER PROGNOSIS
FILE REFERENCE: 39140/0008 US
CURRENT APPLICATION NUMBER: US 60/440,861
PRIOR PAPLICATION NUMBER: US 60/440,861
PRIOR PELING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 440
SEQ ID NO 74
LENGTH: 68
                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 68, Conservative
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Best Local Similarity 91.9
Matches 68; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Homo sapiens
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APPLICANT: SHOSHAN, Avi
APPLICANT: WASSERMAN, Alon
APPLICANT: WASSERMAN, Alon
APPLICANT: WASSERMAN, Alon
APPLICANT: WINTZ, Liat
APPLICANT: MINTZ, Liat
APPLICANT: FAIGLER, Simchon
TITLE OF INVENTION: OLIGONUCLEOTIDE LIBRARY FOR DETECTING RNA TRANSCRIPTS AND SPLICE
TITLE OF INVENTION: THAT POPULATE A TRANSCRIPTOME
FILE REFERENCE: 36688-0005
CURRENT FILING DATE: 2001-07-20
PRIOR APPLICATION NUMBER: US 60/287,724
PRIOR PLING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: US 60/221,607
PRIOR PLING DATE: 2000-07-28
NUMBER OF SEQ ID NOS: 32337
SOFTWARE: PALENT VERSION 3.0
SEQ ID NO 12590
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2350
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APPLICANT: Meagher, Madeleine
APPLICANT: Xu, Jiangchun
APPLICANT: Xu, Jiangchun
APPLICANT: Xu, Jiangchun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THERAPY AND
TITLE OF INVENTION: DIAGNOSIS OF COLON CANCER
FILE REFERENCE: 210121:504
CURRENT APPLICATION NUMBER: US/09/815,343
CURRENT FILING DATE: 2001-03-22
NUMBER OF SEQ ID NOS: 1556
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 69
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100.0%; Pred. No. 9.6;
tive 0; Mismatches 0; Indels
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88.4%; Pred. No. 15;
iive 0; Mismatches
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Publication No. US20040014115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Hendrickson, Brant C
APPLICANT: HENDRENCE: 2002.03
CURRENT PLING DATE: 2003.06-09
FILE REFERENCE: 2002.06-07
CURRENT FILING DATE: 2002.06-07
FRIOR FILING DATE: 2002.06-07
FRIOR FILING DATE: 2002.08-09
NUMBER OF SEQ ID NOS: 93
SOFFWARE: PatentIn version 3.2
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                                                                                                                   APPLICANT: Meagher, Madeleine Joy
APPLICANT: King, Gordon E.
APPLICANT: Scrist, Heather
APPLICANT: Scrist, Heather
APPLICANT: APPLICANT: Susan L.
APPLICANT: Xu, Jiangchun
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
TITLE OF INVENTION: COMPOSITIONS NO METHODS FOR THE THERAPY
TITLE OF INVENTION: COMPOSITIONS NO METHODS FOR THE THERAPY
TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
CURRENT APPLICATION NUMBER: US/10/097,105
CURRENT FILING DATE: 2002-03-13
NUMBER OF SEQ ID NOS: 1562
SOSTWARE: PESTSEQ for Windows Version 4.0
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2.4%; Score 56.2; Di
Best Local Similarity 88.4%; Pred. No. 15;
Matches 61; Conservative 0; Mismatches
                                            Sequence 348, Application US/10097105
Publication No. US20040037842A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA; ORGANISM: Homo sapiens
US-10-097-105-348
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; ORGANISM: Homo sapiens
US-10-457-839-26
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RESULT 55
US-10-097-105-348
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LENGTH: 69
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LENGTH: 60
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RESULT 57 US-09-764-887-575

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2251 TTTTTGTACTTTTAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCC 2310
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA113C1

CURRENT APPLICATION NUMBER: US/10/073,961

CURRENT APPLICATION NUMBER: 09/764,887

PRIOR FILING DATE: 2000-01-31

PRIOR FILING DATE: 2000-05-48

PRIOR FILING DATE: 2000-05-48

PRIOR FILING DATE: 2000-07-31

PRIOR FILING DATE: 2000-07-31

PRIOR FILING DATE: 2000-07-31

PRIOR FILING DATE: 2000-07-31

PRIOR FILING DATE: 2000-07-14

PRIOR FILING DATE: 2000-08-14

PRIOR PRILING DATE: 2000-08-14
Sequence 575, Application US/09764887
Patent No. US20020042096A1
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PAll3
CURRENT APPLICATION NUMBER: US/09/764,887
CURRENT FILING DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 658
SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 66;
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Pred. No. 26;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2.2%;
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Best Local Similarity 86.4
Matches 57; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-575
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US-10-073-961-575
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LENGTH: 66
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PRIOR PLICATION DATE: 2000-12-08
PRIOR PLICATION DATE: 2000-12-08
PRIOR PLICATION MANGER: 6/124,274
PRIOR PLICATION MANGER: 6/124,274
PRIOR PLICATION MANGER: 6/124,274
PRIOR PLICATION MANGER: 6/124,223
PRIOR PLICATION MANGER: 6/124,223
PRIOR PLICATION MANGER: 6/124,518
PRIOR PLICATION MANGER: 6/124,518
PRIOR PLICATION MANGER: 6/124,518
PRIOR PLICATION MANGER: 6/124,518
PRIOR PLICATION MANGER: 6/124,519
PRIOR PLICATION MANGER: 6/124,617
PRIOR PLICATION MANGER: 6/124,937
PRIOR PL
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2233 CCACCACACCTGGCTAATTTTTTGTACTTTTTAGTAGAGACAGGGTTTCACCGTGTTAG 2290
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; Bublication NO. US20030166064A1
; Bublication NO. US20030166064A1
; GENERAL INFORMATION:
; APPLICANT: Meadent, Madeleine Joy
; APPLICANT: Secrist, Heather
; APPLICANT: Secrist, Heather
; APPLICANT: Jangehun Secrist, Heather
; TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
; TITLE OF INVENTION: AND DIAGNOSIS OF COLON CANCER
; TITLE REFERENCE: 210121:547C2
; CURRENT FILING DATE: 2002-03-17
; CURRENT FILING DATE: 2002-03-17
; SEQ ID NOS: 1982
; SEQ ID NO 1171.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 1171, Application US/10033528
| Publication No. US20020131971A1
| GENERAL INFORMATION:
| APPLICANT: King, Gordon E.
| APPLICANT: Meagher, Madeleine Joy
| APPLICANT: W. Jiangchur
| APPLICANT: W. Jiangchur
| APPLICANT: Secrist, Heather
| TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
| TITLE OF INVENTION: COMPOSITIONS OF COLON CANCER
| FILE REFERENCE: 21012.54701
| CURRENT APPLICATION NUMBER: US/10/033,528
| CURRENT PILING DATE: 2001-12-26
| NUMBER OF SEQ ID NOS: 1896
| SOFTAMER: PRELSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 1; Length 59;
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87.9%; Pred. No. 45;
tive 0; Mismatches
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2.0%; Score 46.8; D
Best Local Similarity 87.9%; Pred. No. 45;
Matches 51; Conservative 0; Mismatches
                                                    CURRENT APPLICATION NUMBER: US/09/920,300A CURRENT FILING DATE: 2001-07-31 NUMBER OF SEQ ID NOS: 1789 SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 1171 LENGTH: 59
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                        FILE REFERENCE: 210121.547
                                                                                                                                                                                                                                                                                     TYPE: DNA
CRGANISM: Homo sapiens
US-09-920-300A-1171
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ORGANISM: Homo sapiens
US-10-033-528-1171
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; ORGANISM: Homo sapiens
US-10-099-926-1171
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Best Local Similarity
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APPLICANT: Wohlgemuth, Jay
APPLICANT: Wohlgemuth, Jay
APPLICANT: Fry, Kirk
APPLICANT: Fry, Kirk
APPLICANT: Woodward, Robert
APPLICANT: Ly, Ngoc
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
TITLE REFERENCE: 506612000120
CURRENT APPLICATION NUMBER: US/10/131,827
CURRENT APPLICATION NUMBER: US 10/006,290
PRIOR FILING DATE: 2001-10-22
PRIOR PILING DATE: 2001-10-22
PRIOR PILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 9090
SOFTWARE PATENTIN VERSION 3.1
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Patent No. US20020136728A1
GENERAL INFORMATION:
APPLICANT: King, Gordon E.
APPLICANT: Xu, Jiangchun
APPLIC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1; Length 66;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 50;
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2.1%; Score 50; DB 3
Best Local Similarity 100.0%; Pred. No. 30;
Matches 50; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 2.2%; Score 51.6; D
Best Local Similarity 86.4%; Pred. No. 26;
Matches 57; Conservative 0; Mismatches
PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/241,808
PRIOR FILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,736
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/246,475
PRIOR APPLICATION NUMBER: 60/246,475
PRIOR APPLICATION NUMBER: 60/231,243
PRIOR FILING DATE: 2000-10-08
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Publication No. US20040009479A1
GENERAL INFORMATION:
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US-10-131-827-4749
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US-09-920-300A-1171/c
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LENGTH: 50
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Sequence 3882, Application US/10349143

Sequence 3882, Application US/10349143

Publication No. US20040005584A1

GENERAL INPORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Chunakov, Ilya

APPLICANT: Elumenfeld, Marta

APPLICANT: Blumenfeld, Marta

FILE REFERENCE: GENSET.0200P1

CURRENT FILING DATE: 2003-01-21

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR PILING DATE: EARLIER FILING DATE: 1999-11-23

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER OF SEQ ID NOS: 11796

SEQ ID NO 3882

LENGTH: 47
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Publication No. US20040048265A1

GENERAL INFORMATION:

APPLICANT: GENER

TITLE OF INVENTION:

FILE REFERENCE: G-083US02PCT

CURRENT FILING DATE: 2003-01-17

PRIOR PAPLICATION NUMBER: US/10/333,429

CURRENT FILING DATE: 2001-07

PRIOR PAPLICATION NUMBER: US 60/219,704

PRIOR APPLICATION NUMBER: US 60/219,704

PRIOR PILING DATE: 2000-07-18

NUMBER OF SEQ ID NOS: 579

SOFTWARE: Patent.pm

SEQ ID NO 535

LENGTH: 47
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2.0%; Score 46.8; DB 1; Length 59; 87.9%; Pred. No. 45; tive 0; Mismatches 7; Indels
                                                      7; Indels
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LOCATION: 24

CTHER INFORMATION: 99-4582-359 : polymorphic base G or T

US-10-349-143-3882
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Best Local Similarity 97.94
Matches 46; Conservative
                                                   51; Conservative
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ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: allele
LOCATION: 24
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                           Best Local Similarity
                                                                                                                                                                                                                                       RESULT 63
US-10-349-143-3882
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     Query Match
                                                   Matches
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Sequence 152, Application US/10813638

Sequence 152, Application US/10813638

Publication No. US20040235026A1

GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
APPLICANT: Beach, Martin D.
TITLE OF INVENTION: USE THEREOF
TITLE OF INVENTION: USE THEREOF
TITLE OF INVENTION: USE THEREOF
TITLE OF INVENTION: USE 1596-599
CURRENT FILING DATE: 1296-13-29
PRIOR APPLICATION NUMBER: 60/163,783
PRIOR APPLICATION NUMBER: 60/163,783
PRIOR APPLICATION NUMBER: 60/163,783
NUMBER OF SEQ ID NOS: 1468
SOFTWARE: CuraGen Patent Formatter Version 0.9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
APPLICANT: Hendrickson, Brant C
APPLICANT: Hendrickson, Brant C
APPLICANT: Hendrickson, Brant C
APPLICANT: Pruss, Dmitry
ITILE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REPERBNCE: 3002.03
CURRENT FILING DATE: 2003-06-09
RIOR APPLICATION NUMBER: 60/402,430
PRIOR FILING DATE: 2002-06-07
PRIOR APPLICATION NUMBER: 60/402,430
PRIOR FILING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: PatentIn version 3.2
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                                                                       DB 1; Length 47;
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                                                                                                                        Indels
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; OTHER INFORMATION: 99-4582-359 : polymorphic base G or US-10-333-429-535
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OTHER INFORMATION: single nucleotide polymorphism FBATURE:
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CTHER INFORMATION: Accession number cg40986905
US-10-813-638-152
                                                                     Score 46.6; DE Fred. No. 45; 1; Mismatches
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1.9%; Score 46.2; D
Best Local Similarity 94.1%; Pred. No. 48;
Matches 48; Conservative 0; Mismatches
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Publication No. US20040014115A1
GENERAL INFORMATION:
                                                                     Query Match
Best Local Similarity 97.9%;
Matches 46; Conservative
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ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: allele
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                                                                                              Best Local
Matches
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US-09-860-670-233/c
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         LOCATION: 24
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APPLICANT: Chemakov, 11ya
APPLICANT: Chemakov, 11ya
APPLICANT: Chemakov, 11ya
TITLE OF INVENTION: BIALLELIC MARKERS DERIVED FROM GENOMIC REGIONS CARRYING
TITLE OF INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
TITLE OF INVENTION: GENES INVOLVED IN ARACHIDONIC ACID METABOLISM
FILE REFERENCE: GEN-T114XC2D1
CURRENT APPLICATION NUMBER: US 09/641,638
PRIOR APPLICATION NUMBER: US 09/641,638
PRIOR APPLICATION NUMBER: US 09/502,330
PRIOR PELING DATE: 2000-02-11
PRIOR APPLICATION NUMBER: US 09/502,330
PRIOR FILING DATE: 1999-03-21
PRIOR APPLICATION NUMBER: US 09/275,267
PRIOR FILING DATE: 1999-03-23
PRIOR FILING DATE: 1999-03-23
PRIOR FILING DATE: 1999-03-21
PRIOR FILING DATE: 1999-03-21
NUMBER OF SEQ ID NOS: 1304
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                                                                                               DB 1; Length 49;
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                                                                                                                                         3; Indels
                                                                                                                                                                                                                                                                                                                                     Sequence 62, Application US/09922225A
Publication No. US20030104385A1
GENERAL INFORMATION
APPLICANT: Evans, Glen A.
TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
TITLE OF INVENTION: Associated with Bipolar Disorder
FILE REPERENCE: P-EA 4672
CURRENT APPLICATION NUMBER: US/09/922,225A
CURRENT FILING DATE: 2003-01-14
NUMBER OF SEQ 1D NOS: 117
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        4; Indels
                                                                                          Query Match
1.9%; Score 44.2; D
Best Local Similarity 93.9%; Pred. No. 60;
Matches 46; Conservative 0; Mismatches
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1.9%; Score 44.2; D
Best Local Similarity 90.2%; Pred. No. 60;
Matches 46; Conservative 1; Mismatches
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Publication No. US20030228582A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Blumenfeld, Marta
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-25
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US-09-922-225A-62
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ORGANISM: Homo Sapiens
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NAME/KEY: allele
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                                                                                                                                                                                                                                                                                                                     US-09-922-225A-62
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LENGTH: 47
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LENGTH: 51
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Publication No. US20030235829A1

GENERAL INFORMATION:

APPLICANT: Ruben et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies

FILE REFERENCE: PA127P1

CURRENT APPLICATION NUMBER: US/10/227,646

CURRENT APPLICATION NUMBER: US/09/860,670

PRIOR PILING DATE: 2001-05-21

PRIOR APPLICATION NUMBER: G0/205,515

PRIOR APPLICATION NUMBER: G0/205,515

PRIOR APPLICATION NUMBER: G0/205,515

NUMBER OF SEQ ID NOS: 289

SOFTWARE: PALENTIN Ver. 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             49 AGAGACGGGGTTTCACCATTTTAGCCAGGATGGTCTCGATATCCTGACC 1
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                                                                                                                                                                                                                                                                                                                             Sequence 233, Application US/09860670

Patent No. US/0020165137A1

APPLICANT: Ruben et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REPERENCE: PA127P1

CURRENT APPLICATION NUMBER: US/09/860,670

CURRENT PILING DATE: 2001-05-21

Prior application data removed - consult PALM or file wrapper: NUMBER OF SEQ ID NOS: 289

SOFTWARE: Patentin Ver. 2.0
                                                                                    DB 1; Length 47;
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                                                                                                                                                                         2274 GGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCTCCTGACCT 2316
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                                                                                                                              0; Indels
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; OTHER INFORMATION: 10-520-256 ; polymorphic base C or T US-10-170-097-659
                                                                                                                                                                                                43 GGGTTTCACCGTGTTAGCCRGGATGGTCTCGATCTCCTGACCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 1;
                                                                                  Score 42.6; DE pred. No. 72; 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 42.6; DB Pred. No. 72; 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 91.8%;
Matches 45; Conservative (
                                                                               Query Match
Best Local Similarity 97.7%;
Matches 42; Conservative
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1.8%;
1 Similarity 91.8%;
45; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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Best Local Similarity
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US-10-035-833A-743/c
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LENGTH: 51
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                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
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GENERAL INFORMATION:

APPLICANT: Cohen, Daniel

APPLICANT: Cohen, Daniel

APPLICANT: Chumakov, Ilya

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REFERENCE: GENSET.020CP1

CURRENT APPLICATION NUMBER: US/09/422,978

FRIOR FILING DATE: 2003-01-21

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/109,732

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

NUMBER: OF SEQ ID NOS: 11796

LENGTH: 47
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US-09-922-225A-52

Sequence 52, Application US/09922225A

Sequence 52, Application US/09922225A

Publication No. US20030104385A1

GENERAL INFORMATION:

APPLICANT: Evans, Glen A.

TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides

TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides

TITLE OF INVENTION: Associated with Bipolar Disorder

FILE REFERENCE: PEA 4672

CURRENT APPLICATION NUMBER: US/09/922,225A

NUMBER OF SEQ ID NOS: 117

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 5: 12
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; LOCATION: 24
; CTHER INFORMATION: 99-1602-200 : polymorphic base G or C
US-10-349-1413-646
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 1.8%; Score 42.6; I
Best Local Similarity 88.2%; Pred. No. 72;
Matches 45; Conservative 1; Mismatches
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; Sequence 646, Application US/10349143
; Publication No. US20040005584A1
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Publication No. US20040235026A1
GENERAL INFORMATION:
APPLICANT: Shimkets, Richard A.
                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Homo sapiens
US-09-922-225A-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Homo Sapiens
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TITLE OF INVENTION: WICLEIC ACIDS CONTAINING SINGLE NUCLEIC ACID POLYMORPHISMS AND ME
TITLE OF INVENTION: USE THEREOF
FILE REPERBURE: 15966-599
CURRENT APPLICATION NUMBER: US/10/813,638
CURRENT APPLICATION NUMBER: 06/163,783
PRIOR APPLICATION NUMBER: 60/163,783
PRIOR APPLICATION NUMBER: 60/163,783
PRIOR FILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1468
SOFTWARE: CuraGen Patent Formatter Version 0.9
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Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuho
APPLICANT: Sekine, Akihiro
APPLICANT: Idéa, Aritcohi
APPLICANT: Idéa, Aritcohi
APPLICANT: Idéa, Aritcohi
TITLE OF INVENTION: Detection of Genetic Polymorphisms
TITLE OF INVENTION: Detection of Genetic Polymorphisms
CURRENT APPLICATION WHERE: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Patentin version 3.2
SEQ ID NO 743
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APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
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                                                                                                                                                                                                                                                                                                                                                      NAWE/KEY: allele
LOCATION: (26)...(0)
OCHER INFORMATION: single nucleotide polymorphism
FBATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME/KEY: misc feature
LOCATION: (0).T.(0)
OTHER INFORMATION: Accession number cg43957170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.7%; Score 41.4; D
88.2%; Pred. No. 83;
tive 0; Mismatches
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Pred. No. 90;
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Sequence 6334, Application US/10035833A
Publication No. US20040072156A1
GENERAL INFORMATION:
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ilarity 97.6%;
Conservative
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Matches 45; Conservative
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US-10-035-833A-743
                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Homo sapiens
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Best Local Similarity
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LENGTH: 51
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Publication No. US20030224413A1
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Nucleic Acids Containing Single Nucleotide Polymorphisms
TITLE OF INVENTION: And Methods of Use Thereof
TITLE OF INVENTION: And Methods of Use Thereof
TITLE OF ILLING DATE: 15966-534B
CURRENT FILLING DATE: 15966-534B
CURRENT FILLING DATE: 2003-03-20
PRIOR FILLING DATE: 1998-11-17
NUMBER OF SEQ ID NOS: 320
SOFTWARE: CuraGen Patent Formatter Version 0.9
SEQ ID NO 32
LENGTH: 51
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                                                                                                                                                                                                                                           DB 1; Length 41;
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TITLE OF INVENTION: Nucleic Acids and Encoded Polypeptides
TITLE OF INVENTION: Associated with Bipolar Disorder
FILE REPERENCE: P-EA 4672
CURRENT APPLICATION NUMBER: US/09/922,225A
CURRENT FILING DATE: 2003-01-14
NUMBER OF SEQ ID NOS: 117
SOFTWARE: FastSEQ for Mindows Version 4.0
SEQ ID NO 20
                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                         2298 GGTCTCGATCTCCTGACCTCGTGATCCGCCCCACCTCGGCCT 2338
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OTHER INFORMATION: single nucleotide polymorphism
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CTHER INFORMATION: Accession number cg43957170
US-10-393-815-32
                                                                                                                                                                                                                                       Score 40.6; DE
Pred. No. 90;
1; Mismatches
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88.0%; Pred. No. 93;
tive 0; Mismatches
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
WUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 20, Application US/09922225A Publication No. US20030104385A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                         1.78;
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Best Local Similarity 97.61
Matches 40; Conservative
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Best Local Similarity 88.0
Matches 44; Conservative
                                                                                                                                                   ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-6334
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                                                                                                         SEQ ID NO 6334
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APPLICANT: Shinkets, Richard A.
APPLICANT: Shinkets, Richard A.
APPLICANT: Leach, Martin D.
TITLE OF INVENTION: NUCLEIC ACIDS CONTAINING SINGLE NUCLEIC ACID POLYMORPHISMS AND P.
TITLE OF INVENTION: USE THEREOF
FILE REPERENCE: 15966-59
CURRENT APPLICATION NUMBER: US/10/813,638
CURRENT PILING DATE: 2004-03-29
PRIOR FILING DATE: 1999-11-24
NUMBER OF SEQ ID NOS: 1468
SOFTWARE: Curagen Patent Formatter Version 0.9
SEQ ID NO 103
LENGTH: 51
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APPLICANT: Scholl, Thomas
APPLICANT: Scholl, Thomas
APPLICANT: Hendrickson, Brant C
APPLICANT: Hendrickson, Brant C
APPLICANT: Pruss, Dmitry
TITLE OF INVENTIONS. Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REPERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
PRIOR APPLICATION NUMBER: 60/387,132
PRIOR APPLICATION NUMBER: 60/387,132
PRIOR APPLICATION NUMBER: 60/402,430
                                                                                                                                               Gaps
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                                                                                               DB 1; Length 51; 97;
                                                                                                                                               6; Indels
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OTHER INFORMATION: single nucleotide polymorphism
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME/KEY: misc_feature
i. LOCATION: (0)...(0)
i. CTHER INFORMATION: Accession number cg43265754
US-10-813-638-103
                                                                                               Score 40; DB 1; Pred. No. 97; 1; Mismatches
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86.3%; Pred. No. 99;
tive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 103, Application US/10813638; Publication No. US20040235026A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 24, Application US/10457839
; Publication No. US20040014115A1
; GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 93
SOFTWARE: Patentin version 3.2
                                                                                             1.7%;
il Similarity 86.0%;
43; Conservative
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TYPE: DNA
CORGANISM: Homo sapiens
US-09-922-225A-20
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ORGANISM: Homo sapiens
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Best Local Similarity
                                                                                             Query Match
Best Local Similarity
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ORGANISM: Homo sapiens
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US-10-457-839-3
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                                                                                       Query Match
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GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
APPLICANT: Scholl, Thomas
APPLICANT: Benjamin Brant C
APPLICANT: Ward, Benjamiry
ITILE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
ITILE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
ITILE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
ITILE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
ITILE OF INVENTION NUMBER: 60/497, 839
CURRENT FILING DATE: 2003-06-09
PRIOR PELING DATE: 2002-06-09
PRIOR APPLICATION NUMBER: 60/402, 430
PRIOR PLING DATE: 2002-08-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: Patentin version 3.2
LENGTH: 42

LENGTH: 42
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Publication No. US20040014115A1
GENERAL INFORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Scholl, Thomas
APPLICANT: Scholl, Thomas
APPLICANT: Benjami, Brant C
APPLICANT: Ward, Benjami, Brant C
APPLICANT: Pruss, Dmitry
ITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
ITLE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
CURRENT FILING DATE: 2002-06-09
PRIOR PLING DATE: 2002-06-09
PRIOR PLING DATE: 2002-06-09
PRIOR PLING DATE: 2002-06-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: Patentin Version 3.2
SEQ ID NO 15
LENGTH: 49
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                                                                                                                                                  Query Match
1.7%; Score 39.2; DB 1; Length 44;
Best Local Similarity 93.2%; Pred. No. 1.1e+02;
Matches 41; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                 Sequence 3, Application US/10457839
Publication No. US20040014115A1
                                                ; TYPE: DNA; ORGANISM: Homo sapiens
US-10-457-839-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Homo sapiens
US-10-457-839-15
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SEQ ID NO 24
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Score 37.8; DB 1; Length 42;
Pred. No. 1.2e+02;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                      Sequence 382, Application US/10035833A
Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura Athino
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
ITILE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT APPLICATION NUMBER: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Patentin version 3.2
SEQ ID NO 382
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2328 CACCICGGCCICCCAAAGIGCTGGGATIACAGGCAIGAGCC 2368
                                                                                    2318 GIGAICCGCCCACCICGGCCTCCCAAAGIGCIGGGAITACA 2358
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APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INTENTION: Detection of Genetic Polymorphisms
FILE REPERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035, 833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Patentin version 3.2
                                                                                                              41 GTGATCTGCCCCCCCCCCCCCAAGTGCTGCGGATTACA 1
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Pred. No. 1.3e+02;
1; Mismatches 2;
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Pred. No. 1.3e+02;
1; Mismatches 2;
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Sequence 742, Application US/10035833A
Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuho
    1.6%;
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Best Local Similarity 92.7%;
Matches 38; Conservative
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Best Local Similarity 92.74
Matches 38; Conservative
                                             Conservative
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US-10-035-833A-382
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                       Best Local Similarity
Matches 39, Conserv
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SOFTWARE: PatentIn version 3.2
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Publication No. US20040072156A1
GENERAL INPORMATION:
APPLICANT: Askine, Akihiro
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
TITLE OF INVENTION: Detection of Genetic Polymorphisms;
TITLE OF INVENTION: Detection of Genetic Polymorphisms;
CURRENT PAPLICATION NUMBER: US/10/035,833A
CURRENT PILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
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                                                                            APPLICANT: Nakamura, Yuho
APPLICANT: Sekine, Akihiro
APPLICANT: 1ida, Aritoshi
APPLICANT: 1ida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILIG DATE: 201-12-27
NUMBER OF SEQ ID NOS: 7669
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APPLICANT: Sekine, Akihiro
APPLICANT: Sekine, Akihiro
APPLICANT: Sida, Aritoshi
APPLICANT: Saito, Osamura
ITILE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 201-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 6333, Application US/10035833A Publication No. US20040072156A1 GENERAL INFORMATION:
              Sequence 944, Application US/10035833A
Publication No. US20040072156A1
GENERAL INFORMATION:
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Best Local Similarity 92.74
Matches 38; Conservative
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Best Local Similarity 92.7
Matches 38; Conservative
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; ORGANISM: Homo sapiens
US-10-035-833A-944
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PAPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta

TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 2999
LENGTH: 47
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                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 6954, Application US/10035833A

Publication No. US20040072156A1

GENERAL INFORMATION:
APPLICANT: Nakamura, Yuho
APPLICANT: Saito, Akhinro
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Pacentin version 3.2
SEQ ID NO 6554
LENGTH: 41
                                                                                                                                                                                                                                                            2328 CACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATGAGCC 2368
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1.6%; Score 37.4; DB 1;
Best Local Similarity 92.7%; Pred. No. 1.3e+02;
Matches 38; Conservative 1; Mismatches 2;
                                                                                                                                                                                                           1; Mismatches
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                                                                                                                                                                             Best Local Similarity 92.7
Matches 38, Conservative
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ORGANISM: Homo Sapiens
                                                TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                 US-10-035-833A-6413
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SEQ ID NO 6413
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US-09-764-891-5621/c
| Sequence 5621, Application US/09764891
| Publication No. US20030077808A1
| Publication No. US20030077808A1
| GENERAL INFORMATION:
| APPLICANT: Rosen et al.
| TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
| FILE REPERRENCE: PCOO6
| CURRENT APPLICATION NUMBER: US/09/764,891
| CURRENT APPLICATION NUMBER: US/09/764,891
| Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 10231
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 5621
| LENGTH: 45
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CURRENT PRILOTATION Nucleic Acids, Proteins, and Antibodies CURRENT APPLICATION NUMBER: US/10/073,961
CURRENT FILING DATE: 2002-03-05
PRIOR APPLICATION NUMBER: 09/764,887
PRIOR APPLICATION NUMBER: 06/179,065
PRIOR APPLICATION NUMBER: 60/190,628
PRIOR APPLICATION NUMBER: 60/180,628
PRIOR APPLICATION NUMBER: 60/180,628
PRIOR FILING DATE: 2000-02-04
PRIOR PILING DATE: 2000-06-28
PRIOR PLING DATE: 2000-07-11
PRIOR PLING DATE: 2000-07-11
PRIOR PLING DATE: 2000-07-11
PRIOR PLING DATE: 2000-08-14
PRIOR PLING DATE: 2000-07-14
PRIOR PLING DATE: 2000-07-14
PRIOR PLING DATE: 2000-07-14
PRIOR PLING DATE: 2000-07-15
PRIOR APPLICATION NUMBER: 60/220,963
PRIOR PLING DATE: 2000-07-16
PRIOR APPLICATION NUMBER: 60/217,496
PRIOR APPLICATION NUMBER: 60/217,496
PRIOR PLING DATE: 2000-07-26
PRIOR APPLICATION NUMBER: 60/217,496
PRIOR APPLICATION NUMBER: 60/217,496
PRIOR APPLICATION NUMBER: 60/217,496
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      45 TITITITITITIGAGACGGAGICICGCICIGICCCCCAGGCIGG
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R APPLICATION NUMBER: 60/218,290
R FILING DATE: 2000-07-14

R PILING DATE: 2000-08-14
R FILING DATE: 2000-08-14
R APPLICATION NUMBER: 60/225,868
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APPLICATION NUMBER: 60/216,880
FILING DATE: 2000-07-07
APPLICATION NUMBER: 60/225,270
FILING DATE: 2000-08-14
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Publication No. US20030077602A1
GENERAL INFORMATION:
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APPLICATION NUMBER: 60/216,647
FILING DATE: 2000-07-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo sapiens
US-09-764-891-5621
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APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Gcholl, Thomas
APPLICANT: Hendrickson, Brant C
APPLICANT: Hendrickson, Brant C
APPLICANT: Hard, Benjamin Brant C
APPLICANT: Pruss, Dmitry
ITILE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REFERENCE: 3002.03
CURRENT APPLICATION NUMBER: US/10/457,839
CURRENT APPLICATION NUMBER: 60/497,132
PRIOR APPLICATION NUMBER: 60/402,430
PRIOR APPLICATION NUMBER: 60/402,430
PRIOR PILING DATE: 2002-06-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: Patentin Version 3.2
SEQ ID NO 1
LENGTH: 42
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TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PA113

CURRENT APPLICATION NUMBER: US/09/764,887

CURRENT PILING DATE: 2001-01-17

Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 658

SOFTWARE: Patentin Ver. 2.0

SEQ ID NO 517

LENGTH: 45
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                                                                                                                           Length 47;
                                                                                                                                                                                6; Indels
; LOCATION: 24
; OTHER INFORMATION: 99-21516-293 : polymorphic base G or T
US-10-349-143-2999
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                                                                                                                     Query Match
1.6%; Score 37; DB 1; I
Best Local Similarity 85.1%; Pred. No. 1.4e+02;
Matches 40; Conservative 1; Mismatches 6
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/10457839 Publication No. US20040014115A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-457-839-1
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US-09-764-887-517
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Best Local Similarity
Matches 38; Conserv
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** PELLING DATE: 2000-12-08
** APPLICATION NUMBER: 60/229,344
FILING DATE: 2000-09-01
APPLICATION NUMBER: 60/234,997
*** TWA DATE: 2000-09-25 R APPLICATION NUMBER: 60/251,869
R FILING DATE: 2000-12-08
R PILING DATE: 2000-09-27
R PILING DATE: 2000-09-27
R APPLICATION NUMBER: 60/234,274
R APPLICATION NUMBER: 60/234,223
R APPLICATION NUMBER: 60/234,223
R APPLICATION NUMBER: 60/234,223
R FILING DATE: 2000-09-21 R APPLICATION NUMBER: 60/224,518

R FILING DATE: 2000-08-14

R FILING DATE: 2000-09-29

R APPLICATION NUMBER: 60/236,369

R APPLICATION NUMBER: 60/224,519

R FILING DATE: 2000-08-14

R PILING DATE: 2000-07-26

R APPLICATION NUMBER: 60/220,964

R APPLICATION NUMBER: 60/241,809

R RILING DATE: 2000-10-20

R APPLICATION NUMBER: 60/249,299

R FILING DATE: 2000-11-17

R APPLICATION NUMBER: 60/249,299

R FILING DATE: 2000-11-7

R APPLICATION NUMBER: 60/249,299

R FILING DATE: 2000-11-7

R APPLICATION NUMBER: 60/249,299

R FILING DATE: 2000-11-7

R APPLICATION NUMBER: 60/241,795 FILING DATE: 2000-10-20
APPLICATION NUMBER: 60/244,617
FILING DATE: 2000-11-01
APPLICATION NUMBER: 60/225,268
FILING DATE: 2000-08-14
APPLICATION NUMBER: 60/236,368 R APPLICATION NUMBER: 60/229,513
R FILING DATE: 2000-09-05
R FILING DATE: 2000-09-08
R FILING DATE: 2000-09-08
R FILING DATE: 2000-09-05
R FILING DATE: 2000-09-05
R FILING DATE: 2000-09-05
R FILING DATE: 2000-09-29
R APPLICATION NUMBER: 60/236,367
R APPLICATION NUMBER: 60/236,367 R FILING DATE: 2000-10-02
R APPLICATION NUMBER: 60/237,038
R APPLICATION NUMBER: 60/236,370
R FILING DATE: 2000-09-29
R APPLICATION NUMBER: 60/236,802
R APPLICATION NUMBER: 60/236,802
R APPLICATION NUMBER: 60/237,037
R APPLICATION NUMBER: 60/237,037
R APPLICATION NUMBER: 60/237,037 PPLICATION NUMBER: 60/237,040 ILING DATE: 2000-10-02 FILING DATE: 2000-09-21 APPLICATION NUMBER: 60/228,924 FILING DATE: 2000-08-30 PPLICATION NUMBER: 60/251,856 ILING DATE: 2000-12-08 PPLICATION NUMBER: 60/251,868 ILING DATE: 2000-12-08 PPLICATION NUMBER: 60/229,343 PLICATION NUMBER: 60/229,345 LING DATE: 2000-09-01 FILING DATE: 2000-09-01 APPLICATION NUMBER: 60/229,287 FILING DATE: 2000-09-01 APPLICATION NUMBER: 60/240,960 APPLICATION NUMBER: 60/239,935 APPLICATION NUMBER: 60/239,937 FILING DATE: 2000-10-13 APPLICATION NUMBER: 60/241,787 000-10-20 LING DATE: 2000-09-29 LING DATE: 2000-10-13 PRIOR PRIOR

PRIOR APPLICATION NUMBER: 60/246,474

PRIOR PILING DARE: 2000-11-06

PRIOR PILING DARE: 2000-11-07

PRIOR PILING DARE: 2000-11-17

PRIOR PILING DARE: 2000-11-17

PRIOR PILING DARE: 2000-11-17

PRIOR PILING DARE: 2000-11-17

PRIOR PILING DARE: 2000-08-22

PRIOR PILING DARE: 2000-08-12

PRIOR PILING DARE: 2000-08-12

PRIOR PILING DARE: 2000-08-14

PRIOR PILING DARE: 2000-11-17

PRIOR PILING DARE: 2000-01-17

PRIOR PILING DARE: 2000-

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US-10-035-833A-5139
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US-10-198-069-47
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                                                                                                                                                                                                                                                                                                                                                                                                                                                    2087 TATTATTTTTTGAGACCGAGICTTGCTCTGTTACCCAGGCTGG 2131
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Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuho
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritcahi
APPLICANT: Salto, Oamau
ITILE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
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APPLICANT: Sakine, Akihiro
APPLICANT: Sakine, Akihiro
APPLICANT: Salto, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REPRENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
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         PRIOR FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 60/241,808
PRIOR PILING DATE: 2000-10-14
PRIOR PILING DATE: 2000-10-20
PRIOR PILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-10-20
PRIOR APPLICATION NUMBER: 60/241,786
PRIOR APPLICATION NUMBER: 60/241,786
PRIOR PILING DATE: 2000-10-20
PRIOR FILING DATE: 2000-110-30
PRIOR FILING DATE: 2000-110-81
PRIOR FILING DATE: 2000-11-81
PRIOR FILING DATE: 2000-11-81
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NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
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Best Local Similarity 90.0
Matches 36; Conservative
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CRGANISM: Homo sapiens
US-10-035-833A-2976
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ORGANISM: Homo sapiens
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US-10-035-833A-2976
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LENGTH: 41
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Sequence 47, Application US/10198069

Publication No. US20030096756A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: CELLS
TITLE OF INVENTION: CELLS
TITLE OF INVENTION: CELLS
TITLE OF INVENTION: CELLS
CURRENT APPLICATION NUMBER: US/10/198,069
CURRENT APPLICATION NUMBER: US/10/198,069
CURRENT APPLICATION NUMBER: 60/306,161
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-07-19
PRIOR PRILING DATE: 2001-07-19
PRIOR PILING DATE: 2001-07-19
PRIOR PILING DATE: 2001-07-19
PRIOR PILING DATE: 2001-07-19
PRIOR PILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 48
SOFTWARE: PATENTIN VET: 2.1
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OTHER INFORMATION: Description of Artificial Sequence: Synthetic
FINENTIAL THFORMATION: Oligonucleotide
US-10-198-069-47
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Score 34.8; DB 1; Length 41;
Pred. No. 1.7e+02;
1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                        Sequence 56, Application US/10453827

GENERAL INFORMATION:
APPLICANT: BListol-Myers Squibb Company
TITLE OF INVENTION: HUMAN SINGLE NUCLECTIDE POLYMORPHISMS
FILE REFRENCE: DO211 NP
CURRENT APPLICATION NUMBER: US/10/453,827
CURRENT FILING DATE: 2003-06-03
PRIOR APPLICATION NUMBER: US. 60/384,980
PRIOR FILING DATE: 2002-06-03
NUMBER OF SEQ ID NOS: 1219
SEQ ID NO 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1.5%; Score 34.6; DB 1; Length 41; 90.2%; Pred. No. 1.8e+02; tive 0; Mismatches 4; Indels
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                                                                                                                                  TITITITIGAGATGAGTCTYGCTCTGTTGCCCAGGCTGG 40
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           41 GGTCTTGAACTCCTAACCTCGTGATCCACCCACCTCGGCCT 1
                                                                                                     2092 ITTTTTTGAGACCGAGTCTTGCTCTGTTACCCAGGCTGG
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1.4%; Score 34.2; DB 1;
Best Local Similarity 92.3%; Pred. No. 1.9e+02;
Matches 36; Conservative 0; Mismatches 3;
Query Match
Best Local Similarity 90.0%;
Matches 36; Conservative
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ORGANISM: Artificial Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 90.23
Matches 37; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Homo sapiens
US-10-453-827-56
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NUMBER OF SEQ ID NOS: 1219
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Sequence 33, Application US/10198069

Publication No. US20030096756A1

GENERAL INFORMATION:

APPLICANT: AVERBACK, PAUL

TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER

TITLE OF INVENTION: CONDITIONS REQUIRING THE REMOVAL OR DESTRUCTION OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
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Pred. No. 1.9e+02;
1; Mismatches 4; Indels
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Pred. No. 1.9e+02;
1; Mismatches 4; Indels
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US-10-035-833A-6414/c

Sequence 6144, Application US/10035833A

Publication No. US20040072156A1

GENERAL INPORMATION:

APPLICANT: Nakamura, Yuho

APPLICANT: Setine, Akihiro

APPLICANT: Saito, Osamu

TITLE OF INVENTION: Detection of Genetic Polymorphisms

TITLE OF INVENTION: Detection of Genetic Polymorphisms

FILE REPERENCE: 2001-12-27

CURRENT APPLICATION NUMBER: US/10/035,833A

CURRENT APPLICATION NUMBER: 2001-12-27

NUMBER OF SEQ ID NOS: 7669

SOFTWARE: Patentin version 3.2
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2326 CCCACCTCGGCCTCCCAAAGTGCTGGGATTACAGGCATG 2364
                                                                                                                                                                                                                                       APPLICANT: Sekine, Akihiro
APPLICANT: Sekine, Akihiro
APPLICANT: 11da, Aritoshi
APPLICANT: 11da, Aritoshi
TITLE ON TINVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2011-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           41 CTCCTGACTTTGTGATCCACSCGCCTCGGCCTCCCAAAGTG 1
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                                                                                                                                                     Sequence 383, Application US/10035833A Publication No. US20040072156A1 GENERAL INFORMATION:
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87.8%;
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Best Local Similarity 87.8<sup>§</sup>
Matches 36, Conservative
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Best Local Similarity 87.8°
Matches 36; Conservative
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ORGANISM: Homo sapiens
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US-10-035-833A-383
                                                                                                                                   US-10-035-833A-383/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2577, Application US/10035833A
Sequence 2577, Application US/10035833A
Publication No. US20040072156A1
GENERAL INCRMATION:
APPLICANT: Sekine, Akihiro
APPLICANT: Ida, Aritcoshi
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS.06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT APPLICATION NUMBER: US/10/035,833A
SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
SEGID NO. 2777
LENGTH. 47
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PUblication No. US20040033582A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
ITILE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFERENCE: D0211 NP
CURRENT APPLICATION NUMBER: US/10/453,827
CURRENT FILING DATE: 2003-06-03
FRIOR FILING DATE: 2002-06-03
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FILE REFERENCE: 55003.000009
CURRENT APPLICATION NUMBER: US/10/198,069
CURRENT FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 60/306,161
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 48
SOFTHARE: Patentin Ver: 2.1
SEQ ID NO 33
LENGTH: 42
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ORGANISM: Homo sapiens
US-10-035-833A-2577
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Matches 36; Conserv
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48

SEQ ID NO 203 LENGTH: 41 TYPE: DNA

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                                                                                                                       Sequence 276, Application US/1027216

Publication No. US2004002470A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REPRENCE: 2976-4051

CURRENT APPLICATION NUMBER: US/10/277,216

CURRENT PILING DATE: 2002-10-17

PRIOR APPLICATION NUMBER: 09/834,597

PRIOR FILING DATE: 2001-04-13

PRIOR FILING DATE: 2001-04-13

PRIOR FILING DATE: 2001-04-13

PRIOR FILING DATE: 2001-04-13

NUMBER OF SEQ ID NOS: 420

SOFTWARE: PATENTIN VOICE: 2.1

SEQ ID NO 276

LENGTH: 41
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Publication No. US2004002215A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4033042
CURRENT APPLICATION NUMBER: US/10/126,022
CURRENT PILING DATE: 2002-04-19
FRIOR APPLICATION NUMBER: 09/834,597
FRIOR APPLICATION NUMBER: 09/548,797
FRIOR FILING DATE: 2000-04-13
FRIOR PLANTANT DATE: 2000-04-13
FRIOR FILING DATE: 2000-04-13
FRIOR PLANTANT DATE: 2000-04-13
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     41 TITIGIATITITAGIAGAYGGGGTTTCGCCATGTTGGCC 1
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1.3%; Score 32; DB 1; Best Local Similarity 87.5%; Pred. No. 2.4e+02; Matches 35; Conservative 0; Mismatches 5.
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ORGANISM: Artificial Sequence
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Matches 35; Conserv
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                                                                                                                                                                                             Score 33; DB 1; Length 41;
Pred. No. 2.1e+02;
0; Mismatches 5; Indels
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Sequence 901, Application US/10035833A

Publication No. US20040072156A1

GENERAL INFORMATION:

APPLICANT: Nakamura, Yuho

APPLICANT: Sekine, Akihiro

APPLICANT: Saito, Osamu

TITLE OF INVENTION: Detection of Genetic Polymorphisms

TITLE OF INVENTION: Detection of Genetic Polymorphisms

TURENT FILING DATE: 2001-12-27

NUMBER OF SEQ ID NOS: 7669

SOFTWARE: Patentin version 3.2

SOFTWARE: Patentin version 3.2
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APPLICANT: Saito, Osamu
APPLICANT: Saito, Osamu
TITLE OP INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Patentin version 3.2
LENGTH: 41
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                                                                                                                                                                                             Query Match 1.4%;
Best Local Similarity 87.8%;
Matches 36; Conservative
SOFTWARE: PatentIn version 3.2
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Best Local Similarity 85.4
Matches 35, Conservative
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CORGANISM: Homo sapiens
US-10-035-833A-901
                                                                                                        ; ORGANISM: Homo sapiens
US-10-453-827-203
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CRGANISM: Homo
US-10-035-833A-6909
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Length 40;
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                                                                                                                                                                                                                                                                                                                5; Indels
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US-10-035-833A-33/C
; Sequence 33, Application US/10035833A
; Publication No. US20040072156A1
; GENERAL INFORMATION:
; APPLICANT: Nakamura, Yuho
; APPLICANT: Idda, Aritoshi
; APPLICANT: Saito, Osamu
; TILLE OF INVENTION: Detection of Genetic Polymorphisms
; FILE REFERENCE: FORS-06594
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT APPLICATION NUMBER: US/10/035,833A
; CURRENT FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 7669
; SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                                                                                                                                                                                                                    2257 TACTITIAGIAGAGACAGGGTTTCACCGTGTTAGCCAGG 2295
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APPLICANT: Iida, Aritoshi
APPLICANT: Iida, Aritoshi
APPLICANT: Saito, Osamu
IILE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: Patentin version 3.2
SEQ ID NO 3909
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    41 Trititigagargaagrcryacrcrercacccaagcrgga 1
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                                                                                                                                                                                                                                                             Query Match
1.3%; Score 31; DB 1; I
Best Local Similarity 87.2%; Pred. No. 2.7e+02;
Matches 34; Conservative 0; Mismatches 5;
CURRENT APPLICATION NUMBER: US/10/035,833A CURRENT FILING DATE: 2001-12-27 WUMBER OF SEQ ID NOS: 7669 SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 3909, Application US/10035833A p.bblication No. US20040072156Al GENERAL INFORMATION: APPLICANT: Nakamura, Yuho
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Best Local Similarity 82.9
Matches 34; Conservative
                                                                                                                                                     TYPE: DNA
ORGANISM: Homo sapiens
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                                                                                                       SEQ ID NO 5315
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LENGTH: 41
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                   APPLICANT: Nakamura, Yuho
APPLICANT: Sekine, Akihiro
APPLICANT: Sekine, Akihiro
APPLICANT: Iida, Aritoshi
APPLICANT: Iida, Aritoshi
APLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: PORS-06904
CURRENT APPLICATION NUMBER: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SEQ ID NO 358
LENGTH: 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2263 TAGTAGAGACAGGGTTTCACCGTGTTAGCCAGGATGGTCT 2302
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Sekine, Akihiro
APPLICANT: 11da, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT FILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
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APPLICANT: 1ida, Aritoshi
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904
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Sequence 6509, Application US/10035833A
Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuho
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 5315, Application US/10035833A Publication No. US20040072156A1 SENERAL INFORMATION: APPLICANT: Nakamura, Yuho
                                                                                               Sequence 358, Application US/10035833A Publication No. US20040072156A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
CRGANISM: Homo sapiens
US-10-035-833A-6509
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-035-833A-358
                                                                         JS-10-035-833A-358/c
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Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 658
FILE REFERENCE: H200747
CURRENT APPLICATION NUMBER: US/10/353,033
CURRENT FILING DATE: 2003-01-29
FRIOR APPLICATION NUMBER: JP 2002-121819
PRIOR FILING DATE: 2002-04-24
NUMBER OF SEQ ID NOS: 16
SEQ ID NO 11
LENGTH: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 36, Application US/10198069
Publication No. US20030096756A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                   OTHER INFORMATION: DNA template US-10-353-033-11
                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
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Matches 31, Conservative
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US-09-764-887-551
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Pred. No. 2.7e+02;
1; Mismatches 6; Indels
                                                                                                                                                            US-10-03-833A-6186

Sequence 6186, Application US/10035833A

Publication No. US20040072156A1

GENERAL INFORMATION:
APPLICANT: Nakamura, Yuho
APPLICANT: Sekine, Akihiro
APPLICANT: Sekine, Akihiro
APPLICANT: Saito, Osamu
ITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: FORS-06904

CURRENT FILING DATE: 2001-12-27

NUMBER OF SEQ ID NOS: 7669

SOFTWARE: Patentin version 3.2

SEQ ID NOS: 7669
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Publication No. US20040072156A1
GENERAL INFORMATION:
APPLICANT: Nakamura, Yuho
APPLICANT: Saito, Osamu
TITLE OF INVENTION: Detection of Genetic Polymorphisms
TITLE OF INVENTION: Detection of Genetic Polymorphisms
FILE REFERENCE: PORS-06904
CURRENT APPLICATION NUMBER: US/10/035,833A
CURRENT PILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 7669
SOFTWARE: PatentIn version 3.2
SOFTWARE: PatentIn version 3.2
SEQ ID NO 7054
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                             2092 ITITITIGAGACCGAGICITGCTCTGTTACCCAGGCTGGA 2132
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                                                        TITITITITIGAGAIGAAGICIYACICIGICACCCAAGCIGGA 1
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Publication No. US20030203381A1
GENERAL INFORMATION: APPLICANT: HITACHI, LTD.
TITLE OF INVENTION: A genetic analysis method
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.3%;
82.9%;
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Best Local Similarity 82.9
Matches 34; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA; ORGANISM: Homo sapiens
US-10-035-833A-7054
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APPLICANT: AVERBACK, PAUL
TITLE OF INVENTION: PEPTIDES EFFECTIVE IN THE TREATMENT OF TUMORS AND OTHER
TITLE OF INVENTION: CELLS
TITLE OF INVENTION: CELLS
TITLE OF INVENTION: CELLS
FILE REFERENCE: 59003.00009
CURRENT APPLICATION NUMBER: US/10/198,069
CURRENT PILING DATE: 2002-07-19
PRIOR PILING DATE: 2001-07-19
PRIOR PLING DATE: 201-11-16
NUMBER OF SEQ ID NOS: 48
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 36
LENGTH: 33
TYPE: DNA
                                                                         Gaps
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Query Match 1.3%; Score 30.8; DB 1; Length 36; Best Local Similarity 88.9%; Pred. No. 2.7e+02; Matches 32; Conservative 1; Mismatches 3; Indels
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Patent No. US2020042096A1

GENERAL INFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFRENCE: PA113

CURRENT APPLICATE: 2001-01-17
                                                                                                                                   2305 ATCTCCTGACCTCGTGATCCGCCCACCTCGGCCTCC 2340
                                                                                                                                                                                            36 AACTCCTAACCTCGTGATCCRCCCACCTCAGCCTCC 1
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R APPLICATION NUMBER: 60/220,964

R FILING DATE: 2000-07-26

R APPLICATION NUMBER: 60/249,299

R FILING DATE: 2000-10-20

R APPLICATION NUMBER: 60/249,299

R FILING DATE: 2000-10-17

R APPLICATION NUMBER: 60/244,617

R APPLICATION NUMBER: 60/241,785

R APPLICATION NUMBER: 60/244,617

R APPLICATION NUMBER: 60/244,617

R APPLICATION NUMBER: 60/225,288

R APPLICATION NUMBER: 60/225,288

R APPLICATION NUMBER: 60/225,288

R APPLICATION NUMBER: 60/225,288

R APPLICATION NUMBER: 60/225,348

R APPLICATION NUMBER: 60/251,868

R APPLICATION NUMBER: 60/251,868

R APPLICATION NUMBER: 60/251,868

R APPLICATION NUMBER: 60/251,868

R TILING DATE: 2000-12-08

R APPLICATION NUMBER: 60/229,344

R TILING DATE: 2000-12-08

R APPLICATION NUMBER: 60/229,343

R FILING DATE: 2000-09-01

R APPLICATION NUMBER: 60/229,343

R FILING DATE: 2000-09-01

R APPLICATION NUMBER: 60/229,343

R FILING DATE: 2000-09-01

R APPLICATION NUMBER: 60/229,345

R PILING DATE: 2000-09-01

R APPLICATION NUMBER: 60/229,343

R PILING DATE: 2000-09-01
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R APPLICATION NUMBER: 60/237,038
R APPLICATION NUMBER: 60/236,370
R APPLICATION NUMBER: 60/236,370
R FILING DATE: 2000-09-29
R FILING DATE: 2000-10-02
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APPLICATION NUMBER: 60/237,040
FILING DATE: 2000-10-02
APPLICATION NUMBER: 60/240,960
FILING DATE: 2000-10-20
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APPLICATION NUMBER: 60/249,216
FILING DATE: 2000-11-17
APPLICATION NUMBER: 60/249,210
FILING DATE: 2000-11-17
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APPLICATION UNMBER: 60/229,509
FILING DATE: 2000-09-05
APPLICATION NUMBER: 60/236,367
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APPLICATION NUMBER: 60/237,039
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FILING DATE: 2000-10-13
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APPLICATION WUMBER: 60/241,787
FILING DATE: 2000-10-20
APPLICATION NUMBER: 60/246,474
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APPLICATION NUMBER: 60/225,213
FILING DATE: 2000-08-14
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APPLICATION NUMBER: 60/246,532
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICATION NUMBER: 60/226,681
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TITLE OF INVENTION: Nucleic Acide, Froteins, and Antibodies
CURRENT APPLICANTON: Nucleic Acide, Froteins, and Antibodies
CURRENT APPLICATION NUMBER: U6/11/073,961
PRIOR PLING DATE: 2000-01-31
PRIOR FILING DATE: 2000-01-31
PRIOR FILING DATE: 2000-01-31
PRIOR APPLICATION NUMBER: 60/120,68
PRIOR FILING DATE: 2000-01-31
PRIOR APPLICATION NUMBER: 60/21/4,86
PRIOR PLICATION NUMBER: 60/21/4,86
PRIOR APPLICATION NUMBER: 60/21/4,86
PRIOR PLICATION NUMBER: 60/21/4,46
PRIOR APPLICATION NUMBER: 60/21/4,46
PRIOR APPLICATION NUMBER: 60/21/4,46
PRIOR PLING DATE: 2000-00-14
PRIOR PLING DATE: 2000-00-17
PRIOR PLING DATE: 2000-00-14

                                                                                                                                                                                                                             Query Match
1.2%; Score 28.8; DB 1; Length 32;
Best Local Similarity 93.8%; Pred. No. 3.4e+02;
Matches 30; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                 2250 TITITIGIACTITIAGIAGACAGGGITTCA 2281
                                                                                                                                                                                                                                                                                                                                                                                                                                  1 TTTTTTGTATTTTAGTAGAGAGGGTTCCA 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 551, Application US/10073961
Publication No. US20030077602A1
GENERAL INFORMATION:
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 551
LENGTH: 32
                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-764-887-551
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##IOR APPLICATION WINBER: 60/225, 214

##IOR APPLICATION WINBER: 60/225, 214

##IOR PILING DATE: 2000-09-20

##IOR APPLICATION WINBER: 60/225, 214

##IOR PILING DATE: 2000-09-06

##IOR PILING DATE: 2000-09-06

##IOR PILING DATE: 2000-09-06

##IOR PELICATION WINBER: 60/249, 218

##IOR PELICATION WINBER: 60/249, 213

##IOR PELICATION WINBER: 60/249, 213

##IOR PELICATION WINBER: 60/249, 213

##IOR APPLICATION WINBER: 60/249, 214

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##IOR PELICATION WINBER: 60/249, 214

##IOR PELICATION WINBER: 60/249, 214

##IOR APPLICATION WINBER: 60/249, 214

##IOR APPLICATION WINBER: 60/249, 214

##IOR PELICATION WINBER: 60/239, 061

##IOR PELICATION WINBER: 60/231, 061

##IOR PELICATI
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Sequence 14, Application US/10415247

Sequence 14, Application US/10415247

Publication No. US20040013655A1

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION: Genome responsible for chronic rheumatoid arthritis,

TITLE OF INVENTION: diagnostic method, pathogenicity judging method and

TITLE OF INVENTION: diagnostic method, pathogenicity judging method and

TITLE OF INVENTION: atthritis, and therapeutic method and medicine of

TITLE OF INVENTION: chronic rheumatoid arthritis

FILE REFERENCE: TLOP10A NUMBER: US/10/415,247

CURRENT FILING DATE: 2000-10-24

PRIOR APPLICATION NUMBER: UP 2001-90546

PRIOR APPLICATION NUMBER: UP 2001-90590

PRIOR FILING DATE: 2000-1330

NUMBER OF SEQ ID NOS: 21

SOFTWARE: PatentIN Ver. 2.1

SOFTWARE: PatentIN Ver. 2.1
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TITLE OF INVENTION: chronic rheumatoid arthritis

FILE REFERENCE: TLOP1-2

CURRENT APPLICATION NUMBER: US/10/415,247

CURRENT FILING DATE: 2000-10-24

PRIOR APPLICATION NUMBER: JP 2001-90546

PRIOR APPLICATION NUMBER: JP 2001-90546

PRIOR APPLICATION NUMBER: JP 2001-90990

PRIOR FILING DATE: 2001-3-27

PRIOR FILING DATE: 2001-3-27

PRIOR FILING DATE: 2001-3-27

PRIOR FILING DATE: 2001-3-27

SEQ ID NO 15:

LENGTH: 30

PRIOR FILING DATE: 2001-3-30

SEQ ID NO 15:

LENGTH: 30

PRIOR FILING DATE: 201-3-30

SEQ ID NO 15:

LENGTH: 30
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Score 28.8; DB 1; Length 32;
Pred. No. 3.4e+02;
0; Mismatches 2; Indels
                                                                                                                                               2250 TITITIGIACTITIAGIAGACAGGGITICA 2281
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Synthesized oligonucleotide US-10-415-247-14
                                                                                                                                                                                                                  TITITITICIATITITAGIAGACAGGGIICCA 32
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Publication No. US20040013655A1
       1.2%;
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   Query Match
Best Local Similarity 93.8
Matches 30; Conservative
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Best Local Similarity
Matches 29; Conserv
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COUNTRY: US
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Best Local Similarity
Matches 28; Conserva
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                                                               RESULT 121
US-09-225-201-27
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Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
TITLE OF INVERTION: OFFITEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SSOFTWARE: PatentIn Ver. 2.1
SSOFTWARE: PatentIn Ver. 2.1
LENGTH: 32
                                                                                                                                                Gaps
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APPLICANT: MORISETTE, JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 1359.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 140
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Pred. No. 3.5e+02;
0; Mismatches 1; Indels
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1.2%; Score 28.4; DB 1; Length 32;
Best Local Similarity 96.7%; Pred. No. 3.5e+02;
Matches 29; Conservative 0; Mismatches 1; Indels
                                                                                                       Length 30;
                                                                                                                                              Indels
                                                                                                    Score 28.4; DB 1;
Pred. No. 3.5e+02;
0; Mismatches 1;
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US-10-091-281-140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Putative HOBO/HOGNESS.01 motif
US-10-091-281-359
                                   OTHER INFORMATION: Synthesized oligonucleotide
                                                                                                                                                                                      2295 GATGGTCTCGATCTCCTGACCTCGTGATCC 2324
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                                                                                                                                                                                                                30 GATGGTCTTGATCTCCTGACCTCGTGATCC 1
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                                                                                                                                                                                                                                                                                                                                Sequence 140, Application US/10091281
Publication No. US20030190617A1
GENERAL INFORMATION:
APPLICANT: RAYMOND, VINCENT
                                                                                                       1.2%;
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Best Local Similarity 96.7%;
Matches 29; Conservative C
ORGANISM: Artificial sequence
                                                                                                                                            29; Conservative
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ORGANISM: Homo sapiens
                                                                                                  Query Match
Best Local Similarity
Matches 29; Conserv
                                                                                                                                                                                                                                                                                                                   US-10-091-281-140/c
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                                                      US-10-415-247-15
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Gaps
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                                                      VAL INFORMALIUM:
APPLICANT: Chenchik, Alex
Jokhadze, George
Bibilashvilli, Robert
TITLE OF INVENTION: METHOD OF ASSAXING DIFFERENTIAL
EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 28, Application US/09225201
; Sequence 28, Application US/09225201
; Atent No. US20010007744A1
; GENERAL INFORMATION:
    APPLICANT: Chenchik, Alex
    Jokhadze, George
    Bibilashvilli, Robert
    TITLE OF INVENTION: METHOD OF ASSAYING DIFFERENTIAL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               oligonucleotide primer
                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FastSEQ for Windows Version 2.0
                                                                                                                                                                                          NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSES: Bozicevic, Field & Francis LLP
STREET: 200 Middlefield Road, Suite 200
CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/25,201
FILING DATE: 05-dan-1999
CLASSIFICATION: «Unknown»
PRIOR APPLICATION ATA:

APPLICATION NUMBER: 08/85,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:

NAME: Field, Bret E.

REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: CLON-001CIP2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1.2%; Score 28; DB 1; L
100.0%; Pred. No. 3.7e+02;
iive 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Oligonucleo
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EXPRESSION SEQUENCES: 1375
; Sequence 27, Application US/09225201
; Patent No. US20010007744A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: 650-327-3400
                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 650-327-3231
INFORMATION FOR SEQ ID NO: 27:
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STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                           ZIP: 94025
COMPUTER READABLE FORM:
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Sequence 196, Application US/10336638

Publication No. US20030170699A1

Sequence 196, Application US/1033638

Publication No. US20030170699A1

September 100. US20030170699A1

APPLICANT: Fan, Jian Bing

APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affwertix, Inc.

TITLE OF INVENTION: Hypertension

TITLE OF INVENTION: Hypertension

FILE REPREBENCE: 018547-034210U8

CURRENT APPLICATION NUMBER: US/10/336,638

CURRENT APPLICATION NUMBER: US/09/304,232

PRIOR APPLICATION NUMBER: ENGlos/09/304,232

PRIOR APPLICATION NUMBER: ENGlos/09/304,232

PRIOR PILING DATE: 1999-05-03

PRIOR APPLICATION NUMBER: EMPLIER APPLICATION NUMBER: US/09/304,232

PRIOR APPLICATION NUMBER: US/09/304,232

PRIOR APPLICATION NUMBER: SALLER APPLICATION NUMBER: US/09/304,232

PRIOR APPLICATION NUMBER: SALLER APPLICATION NUMBER: US/09/304,641

PRIOR APPLICATION NUMBER: SALLER APPLICATION NUMBER: US/09/304,641

PRIOR APPLICATION UNMBER: SALLER APPLICATION NUMBER: US/00/09/304,641

PRIOR EMPLING DATE: EMPLIER APPLICATION NUMBER: US/00/09/304,641

PRIOR EMPLING DATE: EMPLIER APPLICATION NUMBER: US/00/09/304,641

PRIOR APPLICATION UNMBER: US/09/304,232

PRIOR EMPLING DATE: EMPLIER APPLICATION NUMBER: US/00/09/304,641

PRIOR EMPLING DATE: EMPLIER APPLICATION NUMBER: US/00/09/304,032
                                                                                                Sequence 338, Application US/10091414

Publication No. US20030224461A1

FUBERCALINFORMATION:

APPLICANT: Rosen et al.

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REFERENCE: PAl16C1

CURRENT APPLICATION NUMBER: US/10/091,414

CURRENT FILING DATE: 2002-03-07

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 392

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 33;
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Best Local Similarity 93.5%; Pred. No. 3.8e+02;
Matches 29; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 1.1%; Score 27; DB 1; 1
Best Local Similarity 93.1%; Pred. No. 4.1e+02;
Matches 27; Conservative 1; Mismatches 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: APOC4 1287
US-10-336-638-196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
CORGANISM: Homo sapiens
US-10-091-414-338
                                                                                 US-10-091-414-338/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-336-638-196
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US-10-336-638-513
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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; Sequence 9495, Application US/09764891
; GENERAL INFORMATION:
    APPLICANT: Rosen et al.
    TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
    FILE REFERENCE: PC006
    CURRENT APPLICATION NUMBER: US/09/764,891
; CURRENT FILING DATE: 2001-01-17
; Prior application data removed - consult PALM or file wrapper; NUMBER OF SEQ ID NOS: 10231
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1.2%; Score 28; DB 1; Length 28; 100.0%; Pred. No. 3.7e+02; tive 0; Mismatches 0; Indels
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                                                                                                                                                 COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FASTESED for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201
FILING DATE: 05-Jan-1999
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: Field, Bret E.
REGISTRATION NUMBER: 37,620
REGISTRATION NUMBER: 37,620
REGISTRATION NUMBER: 37,620
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
STREET: 200 Middlefield Road, Suite 200 CITY: Menlo Park COUNTRY: US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: oligonucleotide primer SEQUENCE DESCRIPTION: SEQ ID NO: 28:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEPHONE: 650-327-3400
TELEFAX: 650-327-331
INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 28 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 100. Matches 28; Conservative
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Matches 29, Conservative
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; QRGANISM: Homo sapiens
US-09-764-891-9495
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-764-891-9495/c
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Length 32;

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APPLICANT: RAYMOND, VINCENT
APPLICANT: SI, ERWIN
APPLICANT: SI, ERWIN
APPLICANT: MONISETE JEAN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13597.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT APPLICATION DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
1.1%; Score 26.8; DB 1;
Best Local Similarity 93.3%; Pred. No. 4.2e+02;
Matches 28; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Putative HOBO/HOGNESS.01 motif
US-10-091-281-317
     Publication No. US20030190617A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEPAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: NU COUNTRY: U.S.A. 7TP: 08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-752-983-270/c
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LENGTH: 32
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                              APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Polymorphisms CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: BABLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
LENGHAL: 29
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Fan. Jian Bing
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 01854-03410US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR PILING DATE: 1999-05-03
PRIOR PLING DATE: 1999-05-03
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FASISE FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
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                    Halushka, Marc Kenneth
Case Western Reserve University School of Medicine
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1.1%; Score 27; DB
Best Local Similarity 93.1%; Pred. No. 4.1e
Matches 27; Conservative 1; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 ACCATGTTAGCCAGRATGGTCTCGATCTC 29
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Publication No. US20030170699A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: HSTSCGENE 3838
US-10-336-638-571
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: GLUT4EX11 941
US-10-336-638-513
Chakravarti, Aravinda
                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-091-281-317/c
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LENGTH: 29
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Sequence 270, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                2343 AAGIGCTGGGATTACAGGCATGAGCCACCG 2372
                                                                                              32 AAGTGCTGGGATTACAGGTGTGAGCCACCG 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REPERENCE/DOCKET NUMBER: 1St
TELECOMMINICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-270
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Sequence 317, Application US/10091281

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US-10-336-638-156
                                                                                                                                                      TYPE: DNA
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Publication No. US20020197676A1

GENERAL INFORMATION:
APPLICANT: Lukyanov, Sergey A
APPLICANT: Labas, Yulii A.
APPLICANT: Labas, Yulii A.
APPLICANT: Labas, Yulii A.
APPLICANT: Labas, Yulii A.
APPLICANT: Matchid A.
APPLICANT: CLON-035C1P
TITLE OF INVENTION: No. US20020197676A1e1 Chromophores/Fluorophores and
TITLE OF INVENTION: No. US20020197676A1e1
CURRENT APPLICATION NUMBER: US/10/006,922
CURRENT APPLICATION NUMBER: 09/450,330
PRIOR APPLICATION NUMBER: 09/459,144
PRIOR PLING DATE: 1999-12-09
PRIOR FLING DATE: 1999-12-09
PRIOR FLING DATE: 1999-12-09
PRIOR FLING DATE: 1999-11-09
PRIOR FLING DATE: 1999-12-09
PRIOR FLING DATE: 1999-12-09
PRIOR FLING DATE: 1999-11-19
NUMBER: OF SEQ ID NOS: 46
SEQ ID NO 19
LENGTH: 26
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APPLICANT: MingYi Chiang
APPLICANT: Mano Mancharan
TITLE OF INVENTION: AAL1Sense Modulation of mdm2 expression.
FILE REPERBUCS: 159H-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 26;
                                                    0; Indels
          Length 26,
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1.1%; Score 26; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 4.6e+02;
Matches 26; Conservative 0; Mismatches 0;
     1.1%; Score 26; DB 1;
100.0%; Pred. No. 4.6e+0:
tive 0; Mismatches
                                                                                                         GGTGCA 440
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Exich Koller
APPLICANT: MingXi Chiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
Query Match
Best Local Similarity 100.0
Matches 26; Conservative
                                                                                                    415 TGAAGTTATTAAAGTCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-005-344-270/c
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APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Haluabka, Marc Kenneth
APPLICANT: Haluabka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: POlymorphisms Associated With
TITLE OF INVENTION: POlymorphisms Associated With
TITLE OF INVENTION: POlymorphisms Associated With
TITLE OF INVENTION: 101547-03421005
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/10/3304,232
PRIOR FILING DATE: 1999-05-03
PRIOR PLING DATE: 1999-05-03
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: BARLIER FILING DATE: 1998-05-07
NUMBER: OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 503
LENGTH: 29
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
                                                                                                                                                                                                                                                                                                                     Length 26;
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1.1%; Score 26; DB
Best Local Similarity 100.0%; Pred. No. 4.6
Matches 26; Conservative 0; Mismatches
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PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SEQ TYARRE: FastSEQ for Windows Version 4.0
LENGTH: 26
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Publication No. US20030170699A1
GENERAL INFORMATION:
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Publication No. US20030170699A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) OTHER INFORMATION: GLUT4EX11 1005
US-10-336-638-503
                                                                                                                                                                                                                                   ; OTHER INFORMATION: PCR Primer US-10-005-344-270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                          ORGANISM: Artificial Sequence
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Best Local Similarity 92.9°
Matches 26; Conservative
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SEQ ID NO 512
LENGTH: 29
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
ITLE OF INVENTION: Polymorphisms Associated With
ITLE OF INVENTION: Polymorphisms Associated With
ITLE OF INVENTION: Polymorphisms CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/09/304,232
PRIOR PILING DATE: 1999-05-03
PRIOR PILING DATE: 1999-05-03
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE PARELER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
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CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: US/09-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: PASLESQ for Windows Version 3.0
SEQ ID NO 156
LENGTH: 29
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Publication No. US20030170699A1
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Gase Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
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                                                                                                                                                                                                                                                                                                                                                                                      Length 29;
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4.9e+02;
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Best Local Similarity 89.7%; Pred. No. 4.9e
Matches 26; Conservative 1; Mismatches
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o. US20030170699A1
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                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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US-10-336-638-195
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; Publication No. US2
; GENERAL INFORMATION
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LENGTH: 29
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; Sequence 705, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
; APPLICANT: Fan, Jian Bing
; APPLICANT: Chaktavarti, Aravinda
; APPLICANT: Chaktavarti, Aravinda
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Polymorphisms Associated With
; TITLE OF INVENTION: Pypertension
; FILE REFERENCE: 101847-034210US
; CURRENT FILING DATE: 2003-01-02
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
; PRIOR FILING DATE: 1999-05-03
; PRIOR FILING DATE: EARLIER PILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SEQ ID NO 705
; SEQ ID NO 705
; LENGTH: 29
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             FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR PILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR PILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 999
SOFTWARE: FastSEQ for Windows Version 3.0
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... Sequence 69, Application US/09214371B
... Patent No. US20010018511A1
.; GENERAL INFORMATION:
Hypertension
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ), OTHER INFORMATION: GLUT4EX11 935
US-10-336-638-512
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US-10-336-638-705
                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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, APPLICANT: Bottger, Volker
, APPLICANT: Bottger, Angelica
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 89.74
Matches 26; Conservative
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Sequence 299, Application US/10085906
| Publication No. US20030054371A1
| GENERAL INFORMATION:
| APPLICANT: Ying, Vincent
| APPLICANT: Wu, Paul
| APPLICANT: Wu, Paul
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: UNMBER: US 60/126,215
| PRIOR FILING DATE: 2002-02-27
| PRIOR FILING DATE: 1999-03-25
| PRIOR FILING DATE: 2000-03-24
| PRIOR FILING DATE: 2000-03-24
| NUMBER OF SEQ ID NOS: 545
| SOFTWARE FRAISE FRAISE for Windows Version 4.0
| SEQ ID NO 299
                              TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFRENCE: GNN-343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR APPLICATION NUMBER: US 99/534,061
PRIOR PILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FASESEQ for Windows Version 4.0
SEQ ID NO 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 25.2; DB 1; Length 30;
Pred. No. 5e+02;
0; Mismatches 3; Indels
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1.1%; Score 25.2; DB 1; 90.0%; Pred. No. 5e+02;
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Best Local Similarity 90.0'
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Best Local Similarity 90.0
Matches 27; Conservative
                      Gary S
                                                                                                                                                                                                                                                                                                                                                                                                                                                     , TYPE: DNA
, ORGANISM: Homo sapiens
US-10-085-906-145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 140
US-10-085-906-299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-085-906-299
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APPLICANT: Win, Paul
APPLICANT: Wu, Paul
APPLICANT: Wu, Paul
APPLICANT: Wu, Paul
APPLICANT: GENY, GATY S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: COSTINULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REPRENCE: GNN -5343GC2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-227
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FREUSEQ for Windows Version 4.0
APPLICANT: Pickeley, Stephen
APPLICANT: Chene, Patrick
APPLICANT: Hochkeppel, Heinz-Kurt
APPLICANT: Hochkeppel, Heinz-Kurt
APPLICANT: Garcia-Echeverria, Carlos
APPLICANT: Furet, Pascal
TITLE OF INVENTION: Inhibitors of the Interaction of P53 and MDM2
TITLE OF INVENTION INDIBER: US/09/214,371B
CURRENT FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: PCT/EP97/03549
PRIOR PILING DATE: 1997-07-04
NUMBER OF SEQ ID NOS: 83
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION; Description of Artificial Sequence:primer DNA
US-09-214-371-69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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Pred. No. 5e+02;
0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 32;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 1.1%; Score 25.4; DB 1; Length 3
Best Local Similarity 96.3%; Pred. No. 4.9e+02;
Matches 26; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TGTTACCCAGGCT 2129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 125, Application US/10085906
Publication No. US20030054371A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-085-906-145/c

Sequence 145, Application US/10085906

Publication No. US20030054371A1

GENERAL INFORMATION:

APPLICANT: Ying, Vincent

APPLICANT: Wu, Paul
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1.18;
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Best Local Similarity 90.0
Matches 27; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2100 GAGACCGAGTCTTGC
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-085-906-125
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Gaps

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Indels

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Gaps

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LENGTH: 30

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APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Case Western Resure University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: DOLYmorphisms Associated With
TITLE OF INVENTION: Hyportension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION WUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION WUMBER: US/09/304,232
PRIOR PILING DATE: 1999-05-03
PRIOR FILING DATE: BABLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: BARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: BARLIER PILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: PSECSEQ for Windows Version 3.0
LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
                                        Gaps
                                                                                                                                                                                                                                     Sequence 271, Application US/10005344

Sequence 271, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

TITLE OF INVENTION: Antisense Wodulation of mdm2 expression.

FILE REPERBENCE: ISPH-0622.

CURRENT FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

MUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 271

LENGTH: 25
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                                     0; Indels
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          Best Local Similarity 100.0%; Pred. No. 5.2e+02; Matches 25; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 25; DB 1; L
Pred. No. 5.2e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 1.1%; Score 25; DB Best Local Similarity 100.0%; Pred. No. 5.2 Matches 25; Conservative 0; Mismatches
                                                                                      2335 GCCTCCCAAAGTGCTGGGATTACAG 2359
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                                                                                                                           1 GCCTCCCAAAGTGCTGGGATTACAG 25
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; Sequence 703, Application US/10336638
; Publication No. US20030170699A1
; GENERAL INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: PCR Probe US-10-005-344-271
                                                                                                                                                                                                                  RESULT 143
US-10-005-344-271
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Sequence 4, Application US/09837149

Sequence 4, Application US/09837149

Publication No. US2010046667A1

GENERAL INFORMATION:

APPLICANT: Cloyd, Miles W.

APPLICANT: Toh, Chi-cheng M.

APPLICANT: Teh, Chi-cheng M.

TITLE OP INVENTION: PCR-Hybridization Assays Specific for TITLE OP INVENTION: Integrated Retroviruses

FILE REFERENCE: D6285

CURRENT FILING DATE: 2001-04-18

PRIOR APPLICATION NUMBER: US 60/198,884

PRIOR PILING DATE: 2000-04-19

NUMBER OF SEQ ID NOS: 4

SEQ ID NO 4

SEQ ID NO 4

LENGTH: 25

TUNDER TO SEC ID NOS: 4

SEQ ID NO 4

SEQ ID NOS: 4
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OTHER INFORMATION: primer for the Alu sequence in the human
OTHER INFORMATION: chromosomal DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 1.1%; Score 25; DB 1; Length 25; Best Local Similarity 100.0%; Pred. No. 5.2e+02; Matches 25; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
CARRESEDE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                           OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIPICATION:
PRION APPLICATION:
APPLICATION NUMBER: 09/280,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   355 CCACCTCACAGATTCCAGCTTCGGA 379
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STRANDEDNESS: Single
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                                                                                                                                                                                       U.S.A.
                                                                                                                              CITY: Marlton
STATE: NJ
                                                                                                                                                                                 COUNTRY: U
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-752-983-271
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Query Match

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Sequence 193, Application US/10336638

Publication No. US20030170699A1

GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing

APPLICANT: Halushka, Marc Kenneth

APPLICANT: Affymetrix, Inc.

APPLICANT: Affy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 236, Application US/10085906

Publication No. US20030054371A1

GENERAL INFORMATION:

APPLICANT: Wu, Paul

APPLICANT: Wu, Paul

APPLICANT: Wu, Paul

FILE PERFERENCE: ON-5443CP2

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF

FILE PERFERENCE: GNN-5443CP2

CURRENT APPLICATION NUMBER: US/10/085,906

CURRENT FILING DATE: 2002-02-27

FRIOR APPLICATION NUMBER: US 60/126,215

FRIOR PELING DATE: 1999-03-25

FRIOR PILING DATE: 2000-03-24

FRIOR PELING DATE: 2000-03-24

FRIOR APPLICATION NUMBER: PCT/US00/07938

FRIOR PILING DATE: 2000-03-24

NUMBER OF SEQ ID NOS: 545

SEQ ID NO 236

LENGTH: 30
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                                                                                                                                 Length 29;
                                                                                                                                                                                                            1; Indels
                                                                                                                         Query Match
1.1%; Score 25; DB 1; I
Best Local Similarity 92.6%; Pred. No. 5.1e+02;
Matches 25; Conservative 1; Mismatches 1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2096 TTTTGAGACCGAGTCTTGCTCTGTTACC 2123
                                                                                                                                                                                                                                                                                        2274 GGGTTTCACCGTGTTAGCCAGGATGGT 2300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 rrrrcacaccacacrerrcrerrace 28
                                                                                                                                                                                                                                                                                                                                 3 GGATTTCACCGTRTTAGCCAGGATGGT 29
, OTHER INFORMATION: PGISEX10 3139
US-10-336-638-703
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-085-906-236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 193
LENGTH: 29
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APPLICANT: Case Western', Aravinda
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymerix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Pypertension
FILE REPRENCE: 018647-034210US
CURRENT PILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/10/336,638
CURRENT PILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: BALLIER APPLICATION NUMBER: US/09/304,232
PRIOR PILING DATE: 1999-05-03
PRIOR PILING DATE: 1999-05-03
PRIOR PILING DATE: BARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE FASESEE FASESEE FOR Windows Version 3.0
LENGTH: 29
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APPLICANT: Chartravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Gase Western Reserve University School of Medicine
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: POlymorphisms Associated With
TITLE OF INVENTION: POlymorphisms Associated With
TITLE OF INVENTION: 1999-0210US
CURRENT APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR PRILING DATE: 1999-05-03
PRIOR PRILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                  Gaps
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1.0%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 5.5e+02;
Matches 25; Conservative 1; Mismatches 2; Indels
                                                                                        Length 29;
                                                                                                                                                  Indels
                                                                                  Query Match
1.0%; Score 24.4; DB 1;
Best Local Similarity 89.3%; Pred. No. 5.5e+02;
Matches 25; Conservative 1; Mismatches 2;
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. Sequence 698. Application US/10336638
; Publication No. US20030170699A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 704; Application US/10336638 Publication No. US20030170699A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: PGISEX10 3009
, OTHER INFORMATION: APOC4 1150 US-10-336-638-193
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US=10-746-47-75/c
; Sequence 75, Application US/10746547
; Publication No. US20040219575A1
; GENERAL INFORMATION:
; APPLICANT: Neuman, Toomas
; APPLICANT: Palm, Kaia
; TITLE OF INVENTION: Treatment of Cancer
; TITLE OF INVENTION: Treatment of Cancer
; FILE REFERENCE: 33763/US (473322-00003)
; CURRENT APPLICATION NUMBER: US/10/746,547
; CURRENT FILING DATE: 2003-12-26
; PRIOR APPLICATION NUMBER: US 60/436,693
; PRIOR FILING DATE: 2002-12-26
; NUMBER OF SEQ ID NOS: 115
; SEQ ID NO 75
; ENGRET APPLICATION VERSION 3.2
                                                                                                                          Sequence 14, Application US/10085906

Publication No. US20030054371A1

FRENERAL INFORMATION:

APPLICANT: Ying, Vincent

APPLICANT: Ying, Vincent

APPLICANT: Wu, Paul

APPLICANT: Gray, Gary S.

TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE

TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE

TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE

TITLE OF INVENTION: POLYMORPH: US/10/085,906

CURRENT APPLICATION NUMBER: US 60/126,215

FRIOR APPLICATION NUMBER: US 60/126,215

FRIOR APPLICATION NUMBER: PCT/US00/07938

FRIOR PILING DATE: 2000-03-24

FRIOR APPLICATION NUMBER: PCT/US00/07938

FRIOR APPLICATION NUMBER: PCT/US00/07938
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Pred. No. 5.6e+02;
0; Mismatches 3; Indels
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100.0%; Pred. No. 5.7e+02;
tive 0; Mismatches 0; Indels
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        1 CGCCATCTAGACCGGATCTTGATGCTGGT 29
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Best Local Similarity 89.7%;
Matches 26; Conservative
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Best Local Similarity 100.0
Matches 24; Conservative
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ORGANISM: Homo sapiens
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                                                                                                               US-10-085-906-14
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US-09-214-371-71
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TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
FILE REPERENCE: 96700/469

CURRENT APPLICATION NUMBER: US/09/044,602

CURRENT FILING DATE: 1998-03-19

NUMBER OF SEQ ID NOS: 2

SOFTWARE: Patentin version 3.1

SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Definio, Robert A.
TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
FILE REPERENCE: 96700/469
CURRENT APPLICATION NUMBER: US/10/424,630
CURRENT FILING DATE: 2003-04-28
PRIOR APPLICATION NUMBER: US/09/044,602
PRIOR FILING DATE: 1998-03-19
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin version 3.1
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                                                                                                                                                                                    Query Match
1.0%; Score 24.4; DB 1; Length 29;
Best Local Similarity 89.3%; Pred. No. 5.5e+02;
Matches 25; Conservative 1; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 24.2; DB 1; Length 29;
Pred. No. 5.6e+02;
0; Mismatches 3; Indels
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1.0%; Score 24.2; DB 1;
Best Local Similarity 89.7%; Pred. No. 5.6e+02;
Matches 26; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  964 CGCCATCGAATCCGGATCTTGATGCTGGT 992
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COTHER INFORMATION: primer for MDM2 mutant
US-10-424-630-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ) OTHER INFORMATION: primer for MDM2 mutant US-09-044-602-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Seguence 1, Application US/09044602
Publication No. US20020193325A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 1, Application US/10424630 Publication No. US20030176350A1 GENERAL INFORMATION:
                                                                           FEATURE:
; OTHER INFORMATION: PGISEX10 3140
US-10-336-638-704
                         TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 89.7%;
Matches 26; Conservative C
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ORGANISM: Artificial Sequence
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LENGTH: 29
LENGTH: 29
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Sequence 158, Application US/10336638
Publication No. US20030170699A1
                                                   Sequence 79, Application US/10336638
Publication No. US20030170699A1
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US-10-336-638-158
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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ORGANISM: Artificial Sequence
FEATURE:
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Best Local Similarity 86.2%
Matches 25; Conservative
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Sequence 706, Application US/10336638
Sequence 706, Application World Sequence 706, Application Price Privention Phypertension 71TLE OF INVENTION: Hypertension 71TLE OF INVENTION: Hypertension 71TLE OF INVENTION: Hypertension 71TLE OF INVENTION: Hypertension 71TLE OF INVENTION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/09/304,232
PRIOR PILING DATE: 1999-05-03
PRIOR PILING DATE: 1999-05-03
PRIOR PILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SEQ ID NO 706
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                                                                                                                                                                                                                                                         TITLE OF INVENTION: Inhibitors of the Interaction of P53 and MDM2 FILE REFERENCE: 4-20937/A/PCT CURRENT APPLICATION NUMBER: US/09/214,371B CURRENT FILING DATE: 1999-03-26 PRIOR APPLICATION NUMBER: PCT/EP97/03549 PRIOR FILING DATE: 1997-07-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence:primer DNA
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                                                                                                                                          APPLICANT: Chene, Patilon
APPLICANT: Hochkeppel, Heinz-Kurt
APPLICANT: Garcia-Echeverria, Carlos
APPLICANT: Furet, Pascal Thibitors of th
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US-10-336-638-706
                                                                         Bottger, Volker
Bottger, Angelica
Picksley, Stephen
Chene, Patrick
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Seguence
                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 83
SOFTWARE: Patentin Ver. 2.0
US20010018511A1
                                                   Lane, David
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                                                                                                                                                                                                                                                                                                                                                                                                                                            SOFTWARE: P
SEQ ID NO 71
LENGTH: 27
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| GENERAL INFORMATION:
| APPLICANT: Fan, Jian Bing
| APPLICANT: Chakravarti, Aravinda
| APPLICANT: Halushka, Marc Kenneth
| APPLICANT: Halushka, Marc Kenneth
| APPLICANT: Affymetrix, Inc.
| TITLE OF INVENTION: POLYMORPHISMS ASSOCIATED With
| TITLE OF INVENTION: POLYMORPHISMS ASSOCIATED With
| TITLE OF INVENTION: POLYMORPHISMS ASSOCIATED WITH
| TITLE OF INVENTION: POLYMORPHISM: US/10/336,638
| CURRENT FILING DATE: 1099-05-03
| FRIOR FILING DATE: 1999-05-03
| PRIOR APPLICATION NUMBER: US/10/336,638
| CURRENT FILING DATE: BARLIER FILING DATE: 1998-05-07
| PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/304,232
| PRIOR FILING DATE: BARLIER FILING DATE: 1998-05-07
| NUMBER OF SEQ ID NOS: 909
| SOFTWARE: PASTESE FILING DATE: PASTESE FILING DATE: PASTESE FALLER APPLICATION NUMBER: US/0004,641
| SEQ ID NO 79 Gaps Gaps ., ö Query Match 1.0%; Score 23.8; DB 1; Length 29; Best Local Similarity 86.2%; Pred. No. 5.8e+02; Matches 25; Conservative 1; Mismatches 3; Indels Length 29; Indels 1.0%; Score 23.8; DB 1; 86.2%; Pred. No. 5.8e+02; tive 1; Mismatches 3; 2098 TIGAGACCGAGICTIGCICTGITACCCAG 2126 2303 CGATCTCCTGACCTCGTGATCCGCCCACC 2331 29 TTGAGACAGGGTCTYGCTCTGTTGCCCAG 1 ò

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                                                                                                                                                                                          APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
ITLE OF INVENTION: Hypertension
FILE REFERENCE: 0.8647-03421008
CURRENT FILING DATE: 2003-01-02
PRIOR PILICATION NUMBER: US/10/336,638
CURRENT PAPPLICATION NUMBER: US/09/304,232
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/304,232
PRIOR PILING DATE: 1999-05-03
FRIOR PILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FESTSEQ for Windows Version 3.0
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
ITLE OF INVENTION: POlymorphisms Associated With
ITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/09/304,232
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/304,232
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/304,232
PRIOR PILING DATE: BARLIER FILING DATE: 1999-05-03
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
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1.0%; Score 23.8; DB 1;
Best Local Similarity 86.2%; Pred. No. 5.8e+02;
Matches 25; Conservative 1; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2110 CTTGCTCTGTTACCCAGGCTGGAGTGCAG 2138
1 CGATCTCCTGACTTYGTGATCCGCCTGCC 29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 29 CTCCCTCTGTCACCYAGGCTGGAGTGCAG 1
                                                                                             Dublication US/10336538 Publication US/10336538 Publication No. US20030170699A1 APPLICANT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 514, Application US/10336638
Publication No. US20030170699A1
GENERAL INFORMATION:
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US-10-336-638-514
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ), OTHER INFORMATION: APOC3 1975
US-10-336-638-185
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Best Local Similarity 86.2
Matches 25; Conservative
                                                                                                  US-10-336-638-185/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 185
LENGTH: 29
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LENGTH: 29
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Sequence 685, Application US/10336638

Publication No. US20030170699A1

GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing

APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affwetrix, Inc.
TITLE OF INVENTION: Hyperternsion
FILE REFERENCE: 018547-034210US

CURRENT PAPLICATION NUMBER: US/10/336,638

CURRENT FILING DATE: 2003-01-02

PRIOR APPLICATION NUMBER: US/09/304,232

PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641

PRIOR FILING DATE: BARLIER PILING DATE: 1998-05-07

PRIOR FILING DATE: BARLIER PILING DATE: 1998-05-07

FRIOR FILING DATE: PRIOR OF SEQ ID NOS: 909

SOFTWARE: FastSEQ for Windows Version 3.0

LENGTH: 29

LENGTH: 29
                                                                                                                                                                                                                                                                           APPLICANT: Far, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
APPLICANT: Affymetrix, Inc.
TITLE OF INVEXTION: POLYMorphisms Associated With
TITLE OF INVEXTION: POLYMorphisms Associated With
TITLE OF INVEXTION WUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT PILING DATE: 1999-05-03
FRIOR FILING DATE: 1999-05-03
FRIOR PILING DATE: 1999-05-03
FRIOR FILING DATE: 1999-05-03
FRIOR FILING DATE: BARLIER RAPLICATION NUMBER: US 60/084,641
FRIOR FILING DATE: BARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: PastSEQ for Windows Version 3.0
SEQ ID NO 589
ILENGTH: 29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2105 CGAGTCTTGCTCTGTTACCCAGGCTGGAG 2133
2303 CGATCTCCTGACCTCGTGATCCGCCCACC 2331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           29 cgagrereacrergycacceaggergaag 1
                                                                                                                                                                                                    ; Sequence 589, Application US/1033638; Publication No. US20030170699A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CTHER INFORMATION: IAPPEX3 848 US-10-336-638-589
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                         US-10-336-638-589/c
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Gaps

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Query Match
Best Local Similarity 86.2%;
Matches 25; Conservative

Sequence 41, Application US/10085906 Publication No. US20030054371A1

US-10-085-906-41

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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Win, Paul
APPLICANT: Win, Paul
APPLICANT: Gray, Gary S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: COSTINULATORY RECEPTOR LOCUS AND USES THEREOF
TITLE OF INVENTION: COSTINULATORY RECEPTOR LOCUS AND USES THEREOF
TITLE OF INVENTION: COSTINULATORY RECEPTOR LOCUS AND USES THEREOF
TILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2000-2-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR PILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 95
LENGTH: 30
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Pred. No. 5.9e+02;
                                       Indels
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1.0%; Score 23.6; DB 1;
Best Local Similarity 86.7%; Pred. No. 5.9e+02;
Matches 26; Conservative 0; Mismatches 4;
         Pred. No. 5.9e+02;
0; Mismatches 4
                                                                                                     2100 GAGACCGAGTCTTGCTCTGTTACCCAGGCT 2129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2264 AGTAGAGACAGGGTTTCACCGTGTTAGCCA 2293
                                                                                                                                                                1 cacaccacriricircricicacccaccin 30
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Publication No. US20030054371A1
GENERAL INFORMATION:
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86.7%;
      Best Local Similarity 86.7%;
Matches 26; Conservative
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; ORGANISM: Homo sapiens
US-10-085-906-77
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US-10-085-906-95
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Best Local Similarity
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                                                                    Gaps
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GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: We, Paul
APPLICANT: We, Paul
APPLICANT: We, Paul
FILE APPLICANT: GENERAL GENERAL SINTER OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT APPLICATION NUMBER: US 60/126,215
FRIOR FILING DATE: 1999-03-27
FRIOR FILING DATE: 2000-03-24
FRIOR APPLICATION NUMBER: PCT/USO0/07938
FRIOR PRING DATE: 2000-03-24
FRIOR APPLICATION NUMBER: PCT/USO0/07938
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| Publication No. US20030054371A1
| GENERAL INFORMATION
| APPLICANT: Wu, Paul
| APPLICANT: Wu, Paul
| APPLICANT: Wu, Paul
| ITLE OF INVENTION: COSTINUIATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTINUIATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTINUIATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTINUIATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTINUIATORY RECEPTOR LOCUS
| TITLE OF INVENTION WIMBER: US 60/126,215
| PRIOR PELING DATE: 1999-03-25
| PRIOR PELING DATE: 1999-03-24
| PRIOR APPLICATION NUMBER: US 09/534,061
| PRIOR PELING DATE: 2000-03-24
| PRIOR APPLICATION NUMBER: PCT/USOO/07938
| PRIOR APPLICATION NUMBER: PCT/USOO/07938
| PRIOR PELING DATE: 2000-03-24
| NUMBER OF SEQ ID NOS: 545
| SEQ ID NO 55
| SEQ ID NO 55
| LENGTH: 30
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Score 23.8; DB 1; Length 29;
Pred. No. 5.8e+02;
1; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
1.0%; Score 23.8; DB 1; Length 30;
Best Local Similarity 92.6%; Pred. No. 5.8e+02;
Matches 25; Conservative 0; Mismatches 2; Indels
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                                                                                                                            2267 AGAGACAGGGTTTCACCGTGTTAGCCAGG 2295
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                                                                                                                                                                   29 AGAGACGGGGTTTCRCCATGTTGGCCAGG 1
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TYPE: DNA ORGANISM: Homo sapiens

US-10-085-906-41

US-10-085-906-65

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TYPE: DNA ORGANISM: Homo sapiens

US-10-085-906-65 Query Match

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Gaps

0; Mismatches

26; Conservative

Matches

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CURRENT FILING DATE: 2002-01-31
PRIOR APPLICATION NUMBER: 60/265,102
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APPLICATION NUMBER: 60/265,514
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                                                                                                                                                                               Sequence 188, Application US/10085906

Sequence 188, Application US/10085906

Publication No. US2030054371A1

GENERAL INFORMATION:

APPLICANT: Wing, Vincent

APPLICANT: Wing, Vincent

APPLICANT: Gray, Gary S.

ITILE OF INVENTION: COSTINULATORY RECEPTOR LOCUS AND USES THEREOF

ITILE OF INVENTION: COSTINULATORY RECEPTOR LOCUS AND USES THEREOF

ITILE OF INVENTION: COSTINULATORY RECEPTOR LOCUS AND USES THEREOF

ITILE OF INVENTION: COSTINULATORY NUMBER: US/10/085,906

CURRENT APPLICATION NUMBER: US 60/126,215

PRIOR PELING DATE: 1999-03-25

PRIOR PELING DATE: 2000-03-24

PRIOR PELING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-24

NUMBER OF SEQ ID NOS: 545

SEQ ID NO 188
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Fublication No. US200300920091
GENERAL INFORMATION:
TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE
TITLE OF INVENTION: UMBER: US/09/992,665
CURRENT APPLICATION NUMBER: US/09/992,665
CURRENT FILING DATE: 2001-11-13
PRIOR PAPLICATION NUMBER: 60/249,508
PRIOR PILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 380
SOFTWARE: FaetSEQ for Windows Version 4.0
SEQ ID NO 179
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Pred. No. 6.1e+02;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1.0%; Score 23.6; DB 1; Length 30;
86.7%; Pred. No. 5.9e+02;
tive 0; Mismatches 4; Indels
4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2101 AGACCGAGTCTTGCTCTGTTACCCAGGCTG 2130
                                                                       1 GAGACAGAATCTTACTCTGTTGCCCAGGCT 30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 AGACAAAGTCTTGCTCTGTCGCCCAGGCTG 30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 caaagrecreegarracaegegrea 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ORGANISM: Artificial Sequence
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Best Local Similarity 96.0%;
Matches 24; Conservative
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Best Local Similarity 86./*
                                         2100 GAGACCGAGTCTTGC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Probe US-09-992-665-179
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , ORGANISM: Homo sapiens
US-10-085-906-188
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Sequence 524, Application US/10085906
Fublication No. US20030054371A1
GERREAL INFORMATION:
APPLICANT: Wu, Paul
APPLICANT: Gray, Gary, S.
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 1099-03-25
FRIOR PRILING DATE: 1099-03-25
FRIOR APPLICATION NUMBER: US 09/534,061
FRIOR PRILING DATE: 2000-03-24
FRIOR PRILING DATE: 2000-03-24
FRIOR PRILING DATE: 2000-03-24
FRIOR PRILING DATE: 2000-03-24
FRIOR SEQ ID NOS: 545
SOFTWARE: FASTSEQ for Windows Version 4.0
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ITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE: 21402-258
SNT APPLICATION NUMBER: US/10/072,012
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 921, Application US/10072012; Publication No. US20040033493A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Rastelli, Luca
Miller, Charles B.
Gerlach, Valerie
Taupier Jr, Raymond J.
Gusev, Vladimir Y.
Colman, Steven D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gangolli, Esha
Padigaru, Muralidhara
Anderson, David W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Alsobrook II, John P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Furtak, Katarzyna
Grosse, William M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Zerhusen, Bryan
Patturajan, Meera
Shimkets, Richard
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Rieger, Daniel K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Tchernev, Velizar
APPLICANT: Spytek, Kimberly
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 96.03
Matches 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Wolenc, Adam R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA; CRGANISM: Homo sapiens
US-10-085-906-524
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2249 ATTTTTGTACTTTTAGTAGAGACAGGG 2276
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1374 GAGGCTTTGATGTTCCTGATTG 1396
                                                                                                                                      Sequence 78, Application US/10483958
Publication No. US20040254363A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                            APPLICANT: PRICE FOUNDATION LIMITED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial sequence
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Best Local Similarity 89.33
Matches 25; Conservative
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ORGANISM: H. sapiens
                                                                                              JS-10-483-958-78/c
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         PRIOR APPLICATION NUMBER: 60/265,517
PRIOR PELING DATE: 2001-01-31
PRIOR PELING DATE: 2001-01-31
PRIOR PELING DATE: 2001-01-31
PRIOR PLING DATE: 2001-01-31
PRIOR PLING DATE: 2001-01-01
PRIOR PLING DATE: 2001-02-03
PRIOR PLING DATE: 2001-02-05
PRIOR PLING DATE: 2001-02-05
PRIOR PLING DATE: 2001-02-05
PRIOR PLING DATE: 2001-02-05
PRIOR PLING DATE: 2001-02-07
PRIOR FILING DATE: 2001-02-07
PRIOR PLING DATE: 2001-02-07
PRIOR FILING DATE: 2001-02-07
PRIOR FILING DATE: 2001-02-08
PRIOR FILING DATE: 2001-02-08
PRIOR PLING DATE: 2001-02-08
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Publication No. US20030054371A1

FURLE GENERAL INFORMATION:

APPLICANT: Wu, Paul

APPLICANT: Gay, Gary, G
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 1.0%; Score 23.4; DB 1; Length 26; Best Local Similarity 96.0%; Pred. No. 6.1e+02; Matches 24; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2241 CCTGGCTAATTTTTTGTACTTTTAG 2265
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2001-01-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 96.0%
Matches 24; Conservative
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US-10-085-906-400
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US-10-085-906-400/c
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ö ö APPLICANT: FALLE COUNTY, Maredith, APPLICANT: FALLE ENGER, Meredith, APPLICANT: PEAGER, Maredith, APPLICANT: BERGEN, Andrew W.

TITLE OF INVENTYON: GENES AND SNPS ASSOCIATED WITH EATING DISORDERS FILE REFERENCE: 53061-5005-US
CURRENT PILLOR DATE: 2004-01-16
PRIOR PELLOR NUMBER: PCT/US02/22555
PRIOR FILLING DATE: 2002-07-16
PRIOR PILLING DATE: 2001-07-16
PRIOR PAPLICATION NUMBER: US 60/306,440
PRIOR PLING DATE: 2001-07-20
PRIOR PLING DATE: 2001-07-20
PRIOR PLING DATE: 2001-11-13
PRIOR PLING DATE: 2001-11-13
PRIOR PLING DATE: 2001-12-19
PRIOR PLING DATE: 2001-12-19
PRIOR PLING DATE: 2001-12-19
PRIOR PLING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PALCHIN VERSION 3.1 Gaps Gaps ö ö Sequence 4, Application US/09894898

Patent No. US20020016362A1

GENERAL INFORMATION:

APPLICANT: Rosen, Glenn D.

APPLICANT: Lennox, Edwin S.

APPLICANT: Musser, John H.

TITLE OF INVENTION: USES OF DITERPENOID TRIEPOXIDES AS AN TITLE OF INVENTION: ANTI-PROLIFERATIVE AGENT

FILE REFERENCE: STANO96DIV

CURRENT APPLICATION NUMBER: US/09/884,898

CURRENT PILING DATE: 1999-08-10

PRIOR FILING DATE: 1999-08-30

NUMBER: OF SEQ ID NOS: 8

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 4

LENGTH: 23 Length 29; Query Match 1.0%; Score 23; DB 1; Length 23; Best Local Similarity 100.0%; Pred. No. 6.4e+02; Matches 23; Conservative 0; Mismatches 0; Indels Indels OTHER INFORMATION: OPRD1 probe: VIC and MGB tagged 1.0%; Score 23.2; DB 1; 89.3%; Pred. No. 6.2e+02; tive 0; Mismatches 3;

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) OTHER INFORMATION: probe US-10-758-307-332
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Sequence 4, Application US/10446241

Sequence 4, Application US/10446241

GENERAL INFORMATION:
APPLICANT: Rosen, Glenn D.
APPLICANT: Lennox, Edwin S.
TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an TITLE OF INVENTION: Uses of Diterpenoid Triepoxides as an TITLE OF INVENTION: USES OF 27

FILE REFERENCE: STAN096CIP
CURRENT APPLICATION NUMBER: US/09/935,794

PRIOR FILING DATE: 2001-08-22

PRIOR FILING DATE: 1999-08-30

NUMBER OF SEQ ID NOS: 16

SOFTWARE: FASESEQ FOR Windows Version 4.0
                                                                                                           Sequence 4, Application US/10340101
Sequence 4, Application US/10340101
Publication No. US2003013943941
GENERAL INPORMATION:
APPLICANT: Lennox, Edwin S.
APPLICANT: Lennox, Edwin S.
TITLE OF INVENTION: USES OF DITERPENOID TRIEPOXIDES AS AN TITLE OF INVENTION: USES OF DITERPENOID TRIEPOXIDES AS AN TITLE OF INVENTION: USES OF DITERPENOID TRIEPOXIDES AS AN TITLE OF INVENTION: ANTI-PROLIFERATIVE AGENT
FILE REFERENCE: STAN096DIV
CURRENT APPLICATION NUMBER: US/10/340,101
CURRENT APPLICATION NUMBER: US/09/884,898
PRIOR FILING DATE: 2001-66-19
PRIOR FILING DATE: 1999-08-30
NUMBER OF SEQ ID NOS: 8
SOFTWARE: RESURE FESTSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1.0%; Score 23; DB 1; Length 23;
100.0%; Pred. No. 6.4e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    6.4e+02;
hes 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
1.0%; Score 23; DB 1; Length 23;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1374 GAGGGCTTTGATGTTCCTGATTG 1396
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23 GAGGGCTTTGATGTTCCTGATTG 1
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
Matches 23; Conserv
                                                                                              US-10-340-101-4/c
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LENGTH: 23
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LENGTH: 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 312, Application US/10758307

| Sequence 312, Application US/10758307
| Publication No. US2004020920A1
| Cannon No. US2004020920A1
| GENERAL INFORMATION:
| APPLICANT: GENOMIC HEALTH, INC.
| APPLICANT: Cobleigh, Melody
| APPLICANT: Shak, Steven
| APPLICANT: Shak, Steven
| APPLICANT: Conin, Melody
| TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
| TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
| TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
| TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
| TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
| TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
| TITLE OF INVENTION: UNMBER: US/10/758,307
| CURRENT FILING DATE: 2003-01-15
| NUMBER OF SEQ ID NOS: 440
| SEQ ID NO 332
| LENTH: 23
| LENTH: 23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 1.0%; Score 23; DB 1; Length 23; Best Local Similarity 100.0%; Pred. No. 6.4e+02; Matches 23; Conservative 0; Mismatches 0; Indels
Sequence 331, Application US/10758307
| Publication No. US2004020920A1
| GENERAL INFORMATION:
| APPLICANT: GENOMIC HEALTH, INC.
| APPLICANT: CODIE 1996, Melody
| TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
| TITLE OF INVENTION: CANCER PROGNOSIS
| FILLE REFERENCE: 39740/0008 US
| CURRENT APPLICATION NUMBER: US 60/440,861
| PRIOR FILLING DATE: 2004-01-15
| NUMBER OF SEQ ID NOS: 440
| SEQ ID NO 331
| LENGTH: 23
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ) OTHER INFORMATION: reverse primer US-10-758-307-331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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RESULT 176

RESULT 174 US-10-758-307-331/c

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TYPE: DNA
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Sequence 10, Application US/10269021B

PUBLICATION

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Christoph Reinhard

APPLICANT: Annette Walter

TITLE OF INVENTION: Antisense Therapy Using Oligonucleotides

TITLE OF I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ..
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: human kinesin antisense oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
1.0%; Score 23; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 6.4e+02;
Matches 23; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 1.0%; Score 23; DB 1; Length 26; Best Local Similarity 100.0%; Pred. No. 6.4e+02; Matches 23; Conservative 0; Mismatches 0; Indels
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Publication No. US27030124660A1
GENERAL INFORMATION:
APPLICANT: Kiefer, Michael C.
OSSINA, NACALYA
TITLE OF INVENTION: Bak PROMOTER EXPRESSION SYSTEM
NUMBER OF SEQUENCES: 14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 11, Application US/10793389
Publication No. US20040216178A1
GENERAL INFORMATION:
APPLICANT:
APPLICANT:
APPLICANT:
CURRENT JOINE, REGULATION OF MDM2 FUNCTION
FILE REFERENCE: 07917-199001
CURRENT APPLICATION NUMBER: US/0/793,389
CURRENT FILING DATE: 2004-03-03
FRICA PELLICATION NUMBER: US 60/451,525
FRICA FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.2
SEQ ID NO 11
LENGTH: 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-269-021B-10
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US-10-172-741-10
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US-10-793-389-11
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APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarii, Aravinda
APPLICANT: Chakravarii, Aravinda
APPLICANT: Halushka, Marc Renneth
APPLICANT: Halushka, Marc Renneth
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Pypertension
FILE REFERENCE: 018547-03421008
CURRENT PILING DATE: 2003-01-02
PRIOR PILING DATE: 1999-05-03
PRIOR PLICATION NUMBER: US/09/304,232
PRIOR PAPLICATION NUMBER: US/09/304,232
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: 1999-05-03
PRIOR PILING DATE: BARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
SOFTWARE: PastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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COMPUTER: LAR BIOTECHNOLOGY INC.
STREET: 3095 Richmond Parkway, Suite 213
CITY: Richmond
STARE: A
CUNTRY: USA
ZIP: 94806
COMPUTER: BADABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: PatentIn Release #1.0, Version #1.30
CUNTRY APPLICATION DATA:
APPLICATION NUMBER: US/10/172,741
FILING DATE: 13-Jun-2002
CLASSIFICATION NUMBER: US/09/367,750
FILING DATE: 07-DEC-1999
ATTORNEY/AGENT INFORMATION:
NAME: BYOMI, Theresa A.
REGISTRATION NUMBER: 33,547
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 26;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
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Pred. No. 6.5e+02;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2264 AGTAGAGACAGGGTTTCACCGTGTTA 2289
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 511, Application US/10336638
Publication No. US20030170699A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPHONE: (303) 863-9700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: (303) 863-0223 INFORMATION FOR SEQ ID NO: 10: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: GLUT4EX11 930 US-10-336-638-511
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 26 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 92...
Thes 24; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             JS-10-336-638-511
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US-10-745-377-59
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                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:

APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Case Western Resure University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: POlymorphisms Associated With
TITLE OF INVENTION: BOlymorphisms Associated With
TITLE OF INVENTION: BOlymorphisms Associated With
TITLE OF INVENTION: BOlymorphisms Associated With
TITLE OF INVENTION: BOlymorphisms
FILE REFERENCE: 018547-034210US
CURRENT FAPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR PILING DATE: BARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: PASESEQ for Windows Version 3.0
LENGTH: 29
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Publication No. US20030054371A1

GRUERAL INFORMATION:

APPLICANT: Wing, Vincent

APPLICANT: Wing Poincent

APPLICANT: Wing Poincent

APPLICANT: Gray, Gary S.

ITILE OF INVENTION: POLYMORPHIC ELEMENTS IN THE

ITILE OF INVENTION: COSTINULATORY RECEPTOR LOCUS AND USES THEREOF

FILE REPERENCE: GNN-5343CP2

CURRENT APPLICATION NUMBER: US/10/085,906

CURRENT APPLICATION NUMBER: US 60/126,215

PRIOR FILING DATE: 1990-03-25

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-24

PRIOR PILING DATE: 2000-03-24

PRIOR APPLICATION NUMBER: PCT/US00/07938

NUMBER OF SEQ ID NOS: 545

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 155
                                                            Gaps
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  Score 22.8; DB 1; Length 29;
Pred. No. 6.4e+02;
1; Mismatches 3; Indels
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1.0%; Score 22.8; DB 1;
Best Local Similarity 85.7%; Pred. No. 6.4e+02;
Matches 24; Conservative 1; Mismatches 3;
                                                                                                     2271 ACAGGGTTTCACCGTGTTAGCCAGGATG 2298
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2106 GAGTCTTGCTCTGTTACCCAGGCTGGAG 2133
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Publication No. US20030170699A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: PGISEX10 2974
US-10-336-638-697
  1.0%;
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                                                 24; Conservative
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; ORGANISM: Homo sapiens
US-10-085-906-155
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                        US-10-336-638-697
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US-10-085-906-155
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APPLICANT: Hayden, Michael R.

APPLICANT: Hayden, Michael R.

APPLICANT: Brooks-Wilson, Angela R.

APPLICANT: Brooks-Wilson, Angela R.

APPLICANT: Clee, Susanne M.

TITLE OF INVENTION: Compositions and Methods for Modulating TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels FILE REFERENCE: 76005-109

CURRENT FILING DATE: 2003-12-23

PRIOR APPLICATION NUMBER: US/654,323

PRIOR PILING DATE: 2000-09-01

PRIOR PILING DATE: 1999-03-15

PRIOR PILING DATE: 1999-03-15

PRIOR PILING DATE: 1999-06-17

PRIOR PILING DATE: 1999-06-17

PRIOR PLING DATE: 2000-03-15

PRIOR PLING DATE: 2000-03-15

PRIOR PLING DATE: 2000-06-23

NUMBER OF SEQ ID NOS: 256

SOFTWARE WORD OF WINDOWS VERSION 6.0 (ASCII Text)
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Sequence 59, Application US/10872113

Sequence 59, Application US/10872113

Publication Works With Michael R.

PAPLICANT: Hayden, Michael R.

APPLICANT: Brooks-Wilson, Angela R.

APPLICANT: Pimatone, Simon

APPLICANT: Clee, Susanne M.

TITLE OF INVENTION: Compositions and Methods for Modulating TITLE OF INVENTION: Compositions and Methods for Modulating TITLE OF INVENTION: WILL Choisterol and Triglyceride Levels FILE REPERBNCE: 760050-138

FILE REPERBNCE: 760050-138

CURRENT PELLING DATE: 2004-06-18

PRIOR APPLICATION NUMBER: 09/654,323

PRIOR APPLICATION NUMBER: US 60/124,702

PRIOR FILING DATE: 1999-03-15
Query Match
1.0%; Score 22.6; DB 1; Length 30;
Best Local Similarity 86.2%; Pred. No. 6.6e+02;
Matches 25; Conservative 0; Mismatches 4; Indels
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0.9%; Score 22.4; DB 1;
Best Local Similarity 95.8%; Pred. No. 6.8e+02;
Matches 23; Conservative 0; Mismatches 1;
                                                                                                                               CTGTTACCCAGGCT 2129
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                                                                                                                            2101 AGACCGAGTCTTGCT
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ORGANISM: homo sapien
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APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affwetrix, Inc.
TITLE OF INVENTION: Pypertension
TITLE OF INVENTION: Pypertension
FILE REFERENCE: 018547-03421008
FILE REFERENCE: 018547-03421008
CURRENT FILING DATE: 2003-01-02
FRIOR APPLICATION NUMBER: US/09/304,232
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR PRING DATE: 1999-05-03
PRIOR PILING DATE: BARLIER PILING DATE: 1999-05-03
PRIOR PLING DATE: BARLIER FILING DATE: AND DATE: A
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-0342100S
CURRENT PELLING DATE: 2003-01-02
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: BARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE FREESEQ for Windows Version 3.0
LENGTH: 29
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82.8%; Pred. No. 6.8e+02;
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0.9%; Score 22.2; DB 1;
Best Local Similarity 82.8%; Pred. No. 6.8e+02;
Matches 24; Conservative 1; Mismatches 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2222 ACAGTCATCTGCCACCACCTGGCTAAT 2250
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Publication No. US20030170699A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
OTHER INFORMATION: APOC3 1817
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US-10-336-638-209
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Matches 24; Conservative
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US-10-336-638-210/c
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APPLICANT: Ionov, Yurij
APPLICANT: Ionov, Yurij
APPLICANT: Ionov, Yurij
APPLICANT: Malkhosvan, Serget
APPLICANT: MacClelland, Michael
APPLICANT: MacClelland, Michael
APPLICANT: MacClelland, Michael
APPLICANT: Welsh, John
TITLE OF INVENTION: and Deletions
TITLE OF INVENTION: and Deletions
FILE REPERENCE: 4121.0366-01000
CURRENT FILNG DATE: 2003-03-20
FRIOR APPLICATION NUMBER: US 08/579,445
FRIOR FILING DATE: 1995-11-12
FRIOR FILING DATE: 1995-11-12
FRIOR FILING DATE: 1992-11-13
NUMBER OF SEQ ID NOS: 27
SOFTWARE: Patentin version 3.2
SEQ ID NO 10
LENGTH: 25
LENGTH: 25
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0.9%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 6.8e+02;
Matches 23; Conservative 0; Mismatches 1; Indels
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95.9%; Pred. No. 6.8e+02;
Live 0; Mismatches 1; Indels
                                                                                                   PRIOR APPLICATION NUMBER: US 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR APPLICATION NUMBER: US 60/139,600
PRIOR PLING DATE: 1999-06-01
PRIOR FILING DATE: 1999-09-01
PRIOR FILING DATE: 1999-09-01
PRIOR PILING DATE: 2000-03-15
PRIOR PRICATION NUMBER: US 60/213,958
PRIOR PRICATION NUMBER: US 60/213,958
PRIOR PRICATION NUMBER: US 60/213,958
PRIOR PRICATE 2000-06-23
NUMBER OF SEQ ID NOS: 256
SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
SEQ ID NO 59
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 10, Application US/10394485
Publication No. US20040091889A1
GENERAL INFORMATION:
APPLICANT: Perucho, Manuel
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: PCR primer US-10-394-485-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 95.8
Matches 23; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
CORGANISM: homo sapien
US-10-872-113-59
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-10-336-638-183/c
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Sequence 700, Application US/10336638
; Publication No. US20030170659A1
; GENERAL INFORMATION:
JAPLICANT: Fan, Jian Bing
; APPLICANT: Case Western Reserve University School of Medicine
; APPLICANT: Affanetix, Inc.
JILLGANT: APPLICATION NUMBER: US/09/304,232
; PRIOR APPLICATION NUMBER: US/09/304,232
; PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US/09/304,232
; PRIOR PILING DATE: 1999-05-03
; PRIOR FILING DATE: 1999-05-03
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
; NUMBER OF SEQ ID NOS: 909
; SEQ ID NO 700
; LENGTH: 29
                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: EMLIER PAPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: EMLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 696
                                                                                            Publication No. US20030170699A1
GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Match 0.9%; Score 22.2; DB 1; Length 29; Local Similarity 82.8%; Pred. No. 6.8e+02; es 24; Conservative 1; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2098 TTGAGACCGAGTCTTGCTCTGTTACCCAG 2126
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                                                                                      ; Sequence 696, Application US/10336638
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US-10-336-638-700
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US-10-336-638-696
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ORGANISM: Artificial Sequence
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Best Local Similarity
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                                                                        APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: 198547-03421008
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/09/304,232
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US 60/084,641
PRIOR PILING DATE: 1999-05-03
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR PILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
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FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR PILING DATE: 1999-05-03
PRIOR FILING DATE: 1999-05-03
PRIOR FILING DATE: EARLIER PILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FASESEQ for Windows Version 3.0
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Case Western Reserve University School of Medicine
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
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Pred. No. 6.8e+02;
1; Mismatches 4; Indels
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Sequence 210, Application US/10336638
Publication No. US20030170699A1
GENERAL INFORMATION:
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US-10-336-638-686
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ORGANISM: Artificial Sequence
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US-10-336-638-210
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Best Local Similarity 82.8%
Matches 24; Conservative
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LENGTH: 29
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LENGTH: 29
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Best Local S:
Matches 24
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APPLICANT: Rosen, Glenn D.
APPLICANT: Rosen, Glenn D.
APPLICANT: Lennox, Edwin S.
APPLICANT: Lennox, Edwin S.
APPLICANT: Lennox, Edwin S.
TITLE OF INVENTION: USES OF DITERPENOID TRIEPOXIDES AS AN TITLE OF INVENTION: ANTI-PROLIFERATIVE AGENT
FILE REFERENT STANOSED V.
CURRENT FILING DATE: 2001-06-19
FRIOR APPLICATION NUMBER: 09/385,917
FRIOR APPLICATION NUMBER: 1999-08-30
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PASESEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 3, Application US/10340101
; Sequence 3, Application US/10340101
; Publication No. US2003013943941
; GENERAL INFORMATION:
; APPLICANT: Rosen, Glenn D.
; APPLICANT: Lennox, Edwin S.
; APPLICANT: Lennox, Edwin S.
; TITLE OF INVENTION: USES OF DITERPENOID TRIEPOXIDES AS AN TITLE OF INVENTION: WATT-PROLIFERATIVE AGENT FILE REPRENCE: STAN096DIV
; CURRENT APPLICATION NUMBER: US/09/884,898
; PRIOR APPLICATION NUMBER: US/09/884,898
; PRIOR APPLICATION NUMBER: 09/385,917
; PRIOR PLLING DATE: 2001-06-19
; PRIOR PLLING DATE: 2001-06-19
; PRIOR SEQ ID NOS: 8
; NUMBER OF SEQ ID NOS: 8
; NUMBER OF SEQ ID NOS: 8
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0.9%; Score 22; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0;
              0; Mismatches
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Patent No. US20020016362A1
GENERAL INFORMATION:
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                                                                2338 TCCCAAAGTGCTGGGATTACAG
           22; Conservative
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; ORGANISM: H. sapiens
US-10-340-101-3
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ORGANISM: H. sapiens
US-09-884-898-3
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              Matches
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SUBJECTANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: POlymorphisms Associated With
TITLE OF INVENTION: POlymorphisms Associated With
TITLE OF INVENTION: By POlymorphisms
FILE REFERENCE: 018547-034210US
CURRENT PAPLICATION WUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: BARLIER APPLICATION NUMBER: US/09/304,232
PRIOR APPLICATION NUMBER: EARLIER PILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 29
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Sequence 2, Application US/09242772

Sequence 2, Application US/09242772

Publication NO. US2002009720A1

GENERAL INFORMATION:

APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnologie

TITLE OF INVENTION: PLAG gene family and tumorigenesis

TITLE REFERENCE: VIB-011-US

CURRENT APPLICATION NUMBER: US/09/242,772

CURRENT FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: EP 9520229.6

PRIOR PILING DATE: 1999-08-22

PRIOR PILING DATE: 1997-01-17

PRIOR PILING DATE: 1997-01-17

PRIOR PILING DATE: 1997-01-17

SOFTWARE: PARCHING DATE: 1997-03-2

NUMBER OF SEQ ID NOS: 139

SOFTWARE: PatentIn version 3.1

SEQ ID NO 2: LENGTH: 22
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6.8e+02;
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0.9%; Score 22.2; I
Best Local Similarity 82.8%; Pred. No. 6.86
Matches 24; Conservative 1; Mismatches
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) OTHER INFORMATION: antisense primer alu PCR
US-09-242-772-2
1 CTGCCTCAGCCTCCYGAGTAGCTGGGACT 29
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                                                                                                                                                                        ; Sequence 863, Application US/10336638
; Publication No. US20030170699A1
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Best Local Similarity
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APPLICANT: Hayden, Michael R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-93
CURRENT APPLICATION NUMBER: US/10/452,510
CURRENT PILING DATE: 2003-06-02
PRIOR APPLICATION NUMBER: 05/126,193
PRIOR PILING DATE: 2000-03-15
PRIOR PILING DATE: 1999-06-15
PRIOR PILING DATE: 1999-06-15
PRIOR PILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR PILING DATE: 1999-06-17
PRIOR FILING DATE: 1999-06-17
SPRIOR FILING DATE: 1999-06-17
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Sequence 3, Application US/10446241

Sequence 3, Application US/10446241

Fublication No. US2030306861A1

GENERAL INFORMATION:

APPLICAWT: Rosen, Glenn D.

APPLICAWT: Lennox, Edwin S.

TITLE OF INVENTION: Anti-Proliferative Agent

TITLE OF INVENTION: Anti-Proliferative Agent

FILE REFERENCE: STAN096CIP

CURRENT APPLICATION NUMBER: US/10/446,241

CURRENT FILING DATE: 2003-05-27

PRIOR APPLICATION NUMBER: US/09/935,794

PRIOR APPLICATION NUMBER: US/09/935,794

PRIOR PILING DATE: 1999-08-22

PRIOR FILING DATE: 1999-08-30

NUMBER OF SEQ ID NOS: 16

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 3

LENGTH: 22
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100.0%; Pred. No. 7.16+02;
tive 0; Mismatches 0; Indels
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Publication No. US20040005666A1
GENERAL INFORMATION:
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Best Local Similarity 100.(
Matches 22; Conservative
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US-10-446-241-3
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; ORGANISM: Homo sapiens
US-10-452-510-275
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LENGTH: 22
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RESULT 197

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US-10-746-547-81/c

is Sequence 81, Application US/10746547

is Dublication No. US20040219575A1

is Dublication No. US20040219575A1

is Dublication No. US20040219575A1

is APPLICANT: Neuman, Toomas

is APPLICANT: Neuman, Toomas

is APPLICANT: Neuman, Toomas

is TITLE OF INVENTION: Methods and Compositions for the Diagnosis, and

is TITLE OF INVENTION: Treatment of Cancer

is FILE REFERENCE: 33743/US (473322-00003)

is CURRENT FILING DATE: 2003-12-24

is PRIOR PAPLICATION NUMBER: US 60/436,693

is PRIOR PILING DATE: 2003-12-26

is SOFTWARE: PatentIn version 3.2

is SOFTWARE: PatentIn version 3.2

is LENGTH: 22
                                                                                                                                                                                                                                  Sequence 275, Application US/10833679
Sequence 275, Application US/10833679
Spublication No US20040185508A1
Spublication No US20040185508A1
Spublicant: INPORMATION:
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Briantone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-135
CURRENT FILING DATE: 2004-042,510
PRIOR APPLICATION NUMBER: 10/452,510
PRIOR APPLICATION NUMBER: 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR PILING DATE: 2000-03-15
PRIOR PELING DATE: 1999-06-01
PRIOR PELING DATE: 1999-06-01
PRIOR PILING DATE: 1999-06-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.9%; Score 22; DB 1; Length 22; 100.0%; Pred. No. 7.1e+02; Live 0; Mismatches 0; Indels
2188 TICTCCTGCCTCAGCCTCCCAA 2209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2188 TTCTCCTGCCTCAGCCTCCCAA 2209
                                                                  22 rrcrccreccrcaectrccaa 1
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Best Local Similarity 100.0
Matches 22; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
US-10-746-547-81
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Sequence 12, Application US/10293048
; Sequence 12, Application US/10293048
; Publication No. US2003014359A1
; GENERAL INFORMATION:
; APPLICANT: Makarov, Vladimir
; APPLICANT: Mamberov, Emmanuel
; APPLICANT: Emmeror, Emmanuel
; APPLICANT: Engine Strina
; APPLICANT: Experimentation
; TITLE OF INVENTION: Fragmentation
; TITLE OF INVENTION: Fragmentation
; TITLE OF INVENTION: Teragmentation
; TITLE OF INVENTION: 12 2002-11-13
; CURRENT FILING DATE: 2002-11-13
; PRIOR FILING DATE: 2001-11-13
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
                                                                                                                                                                                                                                                            APPLICANT: Chew, Ame
APPLICANT: Chew, Ame
APPLICANT: Denton, R. Rex
APPLICANT: Denton, R. Rex
APPLICANT: Nandabalan, Krishnan
APPLICANT: Stephens, J. Claiborne
APPLICANT: Stephens, J. Claiborne
APPLICANT: Windemuth, Andreas
TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
TITLE OF INVENTION: 2001-11-09
CURRENT APPLICATION NUMBER: US/10/010, 802
CURRENT FILING DATE: 2001-01-11-09
PRIOR APPLICATION NUMBER: PCT/US00/19094
PRIOR FILING DATE: 2000-07-13
NUMBER OF SEQ ID NOS: 413
SEQ ID NO 391
LENGTH: 23
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. 7.1e+02;
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0.9%; Score 22; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 7.1e+02;
Matches 22; Conservative 0; Mismatches 0;
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                                                                                                                                                               Sequence 391, Application US/10010802
Publication No. US20030078220A1
GENERAL INFORMATION:
APPLICANT: Genaissance Pharmaceuticals
APPLICANT: Chew, Anne
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2233 CCACCACACCTGGCTAATTTTT 2254
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425 AAAGTCTGTTGGTGCACAAAA 446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 ccaccacacciedcinaritit 22
                                             22 AAAGTCTGTTGGTGCACAAAA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: DNA; ORGANISM: Homo sapiens
US-10-010-802-391
                                                                                                                                                US-10-010-802-391
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22; Conservative
        Matches
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APPLICANT: Chakravarti, Aravinda
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Halushka, Marc Kenneth
APPLICANT: Affymetrix, Inc.
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: By Polymorphisms
TITLE SEPERENCE: 018547-034210US
CURRENT PAPLICATION WUMBER: US/10/336,638
CURRENT FILING DATE: 2003-01-02
PRIOR APPLICATION NUMBER: US/09/304,232
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: BARLIER APPLICATION NUMBER: US 60/084,641
PRIOR FILING DATE: BARLIER APPLICATION NUMBER: SEQ ID NOS: 909
SOFTWARE: FastSEQ for Windows Version 3.0
LENGTH: 29
                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Fan, Jian Bing
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Chakravarti, Aravinda
APPLICANT: Case Western Keeneth
APPLICANT: Case Western Keeneve University School of Medicine
APPLICANT: Affymetrix, Inc.
ITILE OF INVENTION: Polymorphisms Associated With
TITLE OF INVENTION: Hypertension
FILE REFERENCE: 018547-034210US
CURRENT APPLICATION NUMBER: US/10/336,638
CURRENT APPLICATION NUMBER: US/09/304,232
PRIOR FILING DATE: 2003-01-03
PRIOR FILING DATE: EARLIER FILING DATE: 1999-05-03
PRIOR FILING DATE: EARLIER FILING DATE: 1998-05-07
NUMBER OF SEQ ID NOS: 909
SOFTWARE: FASESEQ for Windows Version 3.0
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91.7%; Pred. No. 7e+02;
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1, Mismatches
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Publication No. US20030170699A1
GENERAL INFORMATION:
                                                                                                                                                        Sequence 181, Application US/10336638
Publication No. US20030170699A1
22 GTTAGCCAGGATGGTCTCGATC 1
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US-10-336-638-509
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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US-10-336-638-181
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Best Local Similarity
                                                                                                                             -10-336-638-181/c
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LENGTH: 29
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PPLICANT: Burgess, Catherine E
ITLE OF INVENTION: PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS OF
ITLE OF INVENTION: USING THE SAME
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FILLE CONTRENT APPLICATION NUMBER: US/10/051,874

CURRENT FILLING DATE: 2002-09-25

PRIOR APPLICATION NUMBER: 06/268,595

PRIOR APPLICATION NUMBER: 60/268,595

PRIOR PLILNG DATE: 2001-00-14

PRIOR APPLICATION NUMBER: 60/225,306

PRIOR APPLICATION NUMBER: 60/225,87

PRIOR APPLICATION NUMBER: 60/225,87

PRIOR APPLICATION NUMBER: 60/222,409

PRIOR FILING DATE: 2001-01-18

PRIOR FILING DATE: 2001-01-18

PRIOR PLILOGITON NUMBER: 60/267,777

PRIOR APPLICATION NUMBER: 60/291,672

PRIOR PLILNG DATE: 2001-03-16

PRIOR PLILNG DATE: 2001-01-18

PRIOR PLILNG DATE: 2001-01-17

PRIOR PLILNG DATE: 2001-01-16

PRIOR FILING DATE: 2001-01-18

PRIOR FILING DATE: 2001-01-11
2231 TGCCACCACACCTGGCTAATTTTT 2254
                                                 6 receaceacrecingernary 29
                                                                                                                                                                                Sequence 260, Application US/10051874; Publication No. US20040005557A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mezes, Peter D
Kekuda, Ramesh
Taupher Jr, Raymond J
Gerlach, Valerie
Groses, William M
Liu, Xiaohong
                                                                                                                                                                                                                                                                                         Alsobrook II, John P
Colman, Steven D
Spytek, Kimberly A
Boldog, Ferenc
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Herrman, John L
Peyman, John A
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Malyankar, Uriel M
Patturajan, Meera
Shimkets, Richard A
Pena, Carol EA
Tchernev, Velizar T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Guo, Xiaojia Sasha
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Miller, Charles E
Lepley, Denise M
                                                                                                                                                                                                                                                                                                                                                                                                     Vernet, Corine AM
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Shenoy, Suresh G
Casman, Stacie J
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Stone, David J
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                                                                                                                                                                                                                                                                                               Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 30, Application US/10374077
Publication No. US20040006779A1
GENERAL INFORMATION:
APPLICANT: Fu, Ying-Hui
Yu, Chang-En
Oshima, Junko
Mulligan, John T.
Schellenberg, Gerald D.
TITLE OF INVENTION: ANTIBODIES AGAINST GENE PRODUCTS RELATED TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
                                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: PCR Primer; OTHER INFORMATION: Sequence
US-10-051-874-260
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: PLOSPY disk
COMPUTER: TEM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION NUMBER: US/10/374,077
FILING DATE: 25-Feb-2003
ATTORNEY/AGENT INFORMATION:
NAME: ROSEMENT, Stephen
REGISTRATION NUMBER: 43,058
REFERENCE/DOCKET NUMBER: 13,058
REFERENCE/DOCKET NUMBER: 13,005
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Seed Intellectual Property Law Group STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 30:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2336 CCTCCCAAAGTGCTGGGATTACA 2358
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                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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STATE: Washington
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS
NUMBER OF SEQ ID NOS: 269
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 260
LENGTH: 23
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Matches 22; Conserva
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Sequence 15, Application US/0988056A;
Publication No. US20030124524A1
GENERAL INFORMATION;
APPLICANT: KORNANN, KENNETH S.
TITLE OF INVENTION: INFLAMMATORY OR IMMUNE RESPONSE;
TITLE OF INVENTION: INFLAMMATORY OR IMMUNE RESPONSE;
TITLE OF INVENTION: 1NFLAMMATORY OR IMMUNE RESPONSE;
TITLE OF INVENTION: 1NFLAMMATORY OR IMMUNE RESPONSE;
CURRENT FILING DATE: 2002-05-06;
PRIOR APPLICATION NUMBER: 06/213,853
PRIOR FILING DATE: 2000-06-23;
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin Ver: 2.1;
SEQ ID NO 15
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APPLICANT: Saunders, Aleister J.
APPLICANT: Saunders, Aleister J.
APPLICANT: Mullin, Kindram M.
APPLICANT: Sampson, Andram M.
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALCHEIMER'S DISEASE AND OTHER
TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
FILE REFREENCE: 37481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
CURRENT PILING DATE: 2002-10-25
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Pred. No. 7.5e+02;
0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR FILING DATE: 2001-10-25
PRIOR FILING DATE: 2001-10-25
PRIOR FILING DATE: 2001-11-08
PRIOR FILING DATE: 2001-11-08
PRIOR FILING DATE: 2001-11-08
PRIOR FILING DATE: 2001-11-08
PRIOR PILING DATE: 2001-11-08
PRIOR PILING DATE: 2001-11-09
PRIOR PILING DATE: 2001-11-09
PRIOR PILING DATE: 2001-11-09
PRIOR PILING DATE: 2001-11-04
PRIOR PILING DATE: 2001-11-04
PRIOR PILING DATE: 2001-12-04
PRIOR PILING DATE: 2002-03-28
NUMBER OF SEQ ID NOS: 564
SEQ TWARRE: PREASER FASTSER FOR WINDOWS VERSION 4.0
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Sequence 419, Application US/10282174
GENERAL INFORMATION:
APPLICANT: Becker, Kenneth David
APPLICANT: Velicelebi, Gonul
APPLICANT: Elliot, Kathryn J.
APPLICANT: Wang, Xin
APPLICANT: Tanzi, Rudolph E.
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ORGANISM: Artificial Sequence
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Best Local Similarity 95.77
Matches 22; Conservative
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Wed Jan 26 12:47:33 2005

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FEATURE:
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-888-056A-15
                                                                                       0.9%; Score 21.4; DB 1; Length 25; 95.7%; Pred. No. 7.5e+02; Live 0; Mismatches 1; Indels
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100.0%; Pred. No. 7.9e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                 RESULT 209
US-09-752-983-269
; Sequence 269, Application US/09752983
; Sequence 269, Application US/09752983
; Patent No. US20010016575A1
; Patent No. US20010016575A1
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTRY: U.S.A.
ZIP: 08053
COMPUTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING: SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURLOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURLOWN:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                           2350 GGGATTACAGGCATGAGCCACCG 2372
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1 GGCAAATGTGCAATACCAACA 21
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                                                                                   Query Match
Best Local Similarity 95.71
Matches 22; Conservative
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TYPE: Nucleic Acid
STRANDEDNESS: Single
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TI-SENSE: Yes
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US-09-752-983-269
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Best Local
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TITLE OF INVENTION: No. US20020076700Alel polypeptides and nucleic acids encoding sa
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| Publication No. US20030119765A1
| Publication No. US20030119765A1
| GENERAL INFORMATION:
| APPLICANT: CHEM, Jiandong
| APPLICANT: AGRAWAL, Sudhir
| TILLE OF INVENTION: MUMBER: US/09/541,848
| FILE REFERENCE: 29924/98057C
| CURRENT FILING DATE: 2000-04-03
| PRIOR PLICATION NUMBER: 09/033,507
| PRIOR PLICATION NUMBER: 09/033,507
| PRIOR PLICATION NUMBER: 09/033,567
| PRIOR PLICATION NUMBER: 08/916,834
| PRIOR FILING DATE: 1999-08-26
| PRIOR FILING DATE: 1997-08-22
| NUMBER OF SEQ ID NOS: 51
| SOFTWARE: PALENTIN VET: 2.0
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; OTHER INFORMATION: oligonucleotide S7-3
US-09-541-848-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: 2826468 expression forward primer US-09-740-668A-53
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0.9%; Score 21; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0;
                                                                                 FILE KEREKENEL 12300-23, CLR
CURRENT APPLICATION NUMBER: US/09/740,668A
CURRENT FILING DATE: 2000-12-18
PRIOR APPLICATION NUMBER: US/99/29584
PRIOR FILING DATE: 1999-12-17
PRIOR PLING DATE: 1999-12-16
PRIOR PLING DATE: 1999-12-21
PRIOR PLING DATE: 1999-12-21
PRIOR FILING DATE: 1999-12-21
PRIOR FILING DATE: 1998-12-18
NUMBER OF SEQ ID NOS: 98
SOFTWARE: PATENTIN VORER: 60/112,837
PRIOR FILING DATE: 1998-12-18
SOFTWARE: PATENTIN VORER: 61
SOFTWARE: P
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; Sequence 44, Application US/09541848
; Publication No. US20030119765A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              21 TCTCGATCTCCTGACCTCGTG 1
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Gaps

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APPLICANT: "Younged Margot
APPLICANT: "Younged Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISBASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT PILLORATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATCHIN VERSION 3.2
SEQ ID NO 13156
LENGTH: 21
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   Indels
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0.9%; Score 21; DB 1; L
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 7.9e+02;
0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2300 TCTCGATCTCCTGACCTCGTG 2320
                                                                      1767 GTGCTAACTTATTTCCCCTAG 1787
                                                                                                                                                                                                                                                                                                                       Sequence 269, Application US/10005344
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Best Local Similarity 100.0%; Pa
Matches 21; Conservative 0;
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: PCR Primer US-10-005-344-269
                                                                                                                                                                                                                                                                                                                                                     Publication No. US20030203862A)
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Loren J. Miraglia
21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , ORGANISM: Homo sapiens
US-10-786-720-13156
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US-10-786-720-13156/c
Matches
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GENERAL INFORMATION, Sergey A

APPLICANT: Lukyanov, Arcady F.

APPLICANT: Lukyanov, Arcady F.

APPLICANT: Lukyanov, Arcady F.

APPLICANT: Labas, Yulii A.

APPLICANT: Labas, Yulii A.

APPLICANT: Terakkh, Alexey

TITLE OF INVENTION: No. US20020197676A1el Chromophores and

TITLE OF INVENTION: No. US20020197676A1el Chromophores/Fluorophores

TITLE OF INVENTION: No. US20020197676A1el Chromophores/Fluorophores

TITLE OF INVENTION: No. US20020197676A1el Chromophores/Fluorophores

CURRENT FILING DATE: 2091-12-04

PRIOR PELING DATE: 1999-12-09

PRIOR APPLICATION NUMBER: 09/458, 477

PRIOR APPLICATION NUMBER: 09/458, 477

PRIOR APPLICATION NUMBER: 09/458, 477

PRIOR APPLICATION NUMBER: 09/457, 556

PRIOR APPLICATION NUMBER: 09/444, 338

PRIOR PILING DATE: 1999-11-19

NUMBER: OF SEQ ID NOS: 46

SEQ ID NO 20

LENGTH: 21

LENGTH: 21
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              APPLICANT: CHEM, Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHAMA, Sudhir
APPLICANT: ZHAMA, Sudhir
APPLICANT: ZHAMA, Sudhir
TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REPRENCE: 29924/98057C
CURRENT APPLICATION NUMBER: US/09/541,848
CURRENT FILING DATE: 2000-04-03
PRIOR PELING DATE: 1999-08-26
PRIOR FILING DATE: 1999-08-66
PRIOR FILING DATE: 1998-05-06
PRIOR FILING DATE: 1998-05-06
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 44
LENGTH: 21
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER HP-044
US-09-541-848-44
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0.9%; Score 21; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 7.9e+02;
Matches 21; Conservative 0; Mismatches 0;
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/ Sequence 20, Application US/10006922

/ Publication No. US20020197676A1
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ORGANISM: Artificial Sequence
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CTHER INFORMATION: Primer
US-10-006-922-20
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Best Local Similarity
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Sequence 13231, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION WHORE: US/10/786,720
CURRENT APPLICATION WHORE: 108/10/786,720
CURRENT APPLICATION WHORE: 2004-02-26
NUWBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTING DATE: 2004-02-26
NUWBER OF SEQ ID NOS: 2135
SEQ ID NO 13231
LENGTH: 21
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| Publication No. US20040191818A1
| Publication No. US20040191818A1
| GENERAL INFORMATION:
| APPLICANT: Wyeth
| APPLICANT: U.iu, Wei
| TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
| TITLE OF INVENTION: DISEASES
| FILE REFERENCE: 031896-023000 (AMI01331L)
| CURRENT APPLICATION NUMBER: US/10/786,720
| CURRENT APPLICATION NUMBER: US/10/786,720
| CURRENT PILING DATE: 2004-02-26
| NUMBER OF SEQ ID NOS: 21135
| SOFTWARE: PATENTIN version 3.2
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100.0%; Pred. No. 7.9e+02;
tive 0; Mismatches 0; Indels
  FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT PEPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13228
LENGTH: 21
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Best Local Similarity 100.0
Matches 21, Conservative
                                                                                                                                                                                      TYPE: DNA
CRGANISM: Homo sapiens
US-10-786-720-13228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13231
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Best Local Similarity
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LENGTH: 21
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Sequence 13159, Application US/10786720

Sequence 13159, Application US/10786720

Publication No. US20040191818A1

Sequence 13159, Application US/10786720

Publication No. US200401918A1

Septicant: O'Toole, Margot

APPLICANT: O'Toole, Margot

APPLICANT: Liu, Weit

APPLICANT: Liu, Weit

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: UNBER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: Patentin Version 3.2

SEQ ID NO 13159

LENGTH: 21
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Sequence 13225, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'TOOLE, Margot
APPLICANT: O'TOOLE, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOCTWARE: Patentin version 3.2
SEQ ID NO 13225
LENGTH: 21
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APPLICANT: O'TOOLE, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.9%; Score 21; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 7.9e+02; Matches 21; Conservative 0; Mismatches 0; Indels
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US-10-786-720-13228/c
.Sequence 13228, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2292 CAGGATGGTCTCGATCTCCTG 2312
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21 TCTCGATCTCCTGACCTCGTG
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Best Local Similarity 100.(
Matches 21, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13225
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US-10-786-720-13159
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US-10-786-720-13225/c
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Sequence 55, Application US/09861925
Sequence 55, Application US/09861925
Publication No. US20030064426A1
SEGNERAL INFORMATION:
APPLICANT: Chang, Bey-Dih
APPLICANT: Chang, Bey-Dih
TITLE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING EXPRESSION OF TITLE OF INVENTION: REGULATED BY CDK INHIBITORS
FILE REFERENCE: 99,216-F
CURRENT APPLICATION NUMBER: US/09/861,925
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Sequence 199, Application US/10872113

Publication No. US2004022927541

SEQUENCE 1199, Application No. US2004022927541

APPLICANT: Pimstone, Simon

APPLICANT: Pimstone, Simon

APPLICANT: Broke Wilson, Angela R.

APPLICANT: Clee, Susanne M.

TITLE OF INVENTION: Compositions and Methods for Modulating

TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels

FILE REPERROR: 760050-138

CURRENT FLING DATE: 2004-06-18

CURRENT APPLICATION NUMBER: US 60/124,702

PRIOR FILING DATE: 1999-09-01

PRIOR FILING DATE: 1999-06-08

PRIOR PLING DATE: 1999-06-18

PRIOR PLING DATE: 1999-06-17

PRIOR PLING DATE: 1990-06-18

PRIOR PLING DATE: 2000-06-23

NUMBER OF SEQ ID NOS: 256

SOFTWARE: WORLD NOW WEREN US 60/213,958

PRIOR PLING DATE: 2000-06-23

NUMBER OF SEQ ID NOS: 256

SOFTWARE: WORLD NOW WEREN US 60/213,958

PRIOR PLING DATE: 2000-06-23

NUMBER OF SEQ ID NOS: 256

SOFTWARE: WORLD NOW WEREN US 60/213,958
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                                                                                                                   Length 22;
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                                                                                  0.9%; Score 21; DB 1; lilarity 95.5%; Pred. No. 7.9e+02; Conservative 0; Mismarch-
                                                                                                                                                                                                                                      CTCCTGCCTCAGCCTCCCAA 2209
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; LOCATION: (11) ...(11)
; OTHER INFORMATION: n = a or g
US-10-745-377-199
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OTHER INFORMATION: n = a or g
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NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: homo sapien
                                                                                                       Query Match
Best Local Similarity
Matches 21; Conserv
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nes 21; Conserv
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APPLICANT: 07Toole, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L.)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13243
LENGTH: 21
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APPLICANT: Hayden, micrael K.
APPLICANT: Hayden, micrael K.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Cleek, Susanne M.
TITLE OF INVENTION: Compositions and Methods for Modulating
TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
FILE REBERBENCE: 76050-109
CURRENT APPLICATION NUMBER: US/10/745,377
CURRENT FILING DATE: 2003-12-23
FRIOR FILING DATE: 1999-06-108
PRIOR FILING DATE: 1999-06-08
PRIOR PILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: US 60/138,048
PRIOR PILING DATE: 1999-06-10
PRIOR PILING DATE: 1999-06-10
PRIOR FILING DATE: 1999-06-11
PRIOR PILING DATE: 1999-06-11
PRIOR PILING DATE: 1999-06-13
PRIOR PILING DATE: 1999-06-14
PRIOR PILING DATE: 2000-03-15
PRIOR PILING DATE: 2000-03-15
PRIOR PILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256
SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.9%; Score 21; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 7.9e+02; Matches 21; Conservative 0; Mismatches 0; Indels
   Indels
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0; Mismatches
                                                                                                                                                                                                                                                         Sequence 13243, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION: APPLICANT: Wyeth
                                                   2287 TTAGCCAGGATGGTCTCGATC 2307
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Publication No. US20040137423A1
BENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
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21; Conservative
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US-10-786-720-13243
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NAME/KEY: misc_feature
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ORGANISM: homo sapien
                                                                                                                                                                                               RESULT 221
US-10-786-720-13243/c
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LENGTH: 22
Matches
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US-10-745-377-62
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                                                                                                                                                FEATURE:
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APPLICANT: Roninson, Igor
APPLICANT: Roninson, Igor
APPLICANT: Roninson, Igor
APPLICANT: Roninson, Igor
APPLICANT: Chang, Bey-Dih
ITILE OF INVENTION: REAGENTS AND METHODS FOR IDENTIFYING AND MODULATING
ITILE OF INVENTION: EXPRESSION OF GENES REGULATED BY CDK INHIBITORS
FILE REPERENCE: 01-1156-A
CURRENT APPLICATION NUMBER: US/10/233,032A
CURRENT PILING DATE: 2003-02-12
PRIOR APPLICATION NUMBER: US 60/265,840
PRIOR PLILNG DATE: 2002-05-21
PRIOR PLILNG DATE: 2002-02-01
NUMBER OF SEQ ID NOS: 84
SOFTWARE: Patentin version 3.0
                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                  NAME/KEY: misc feature
; OTHER INFORMATION: Sense primer for PSF promoter
US-09-861-925-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc feature; OTHER INFORMATION: Sense primer for PSF promoter US-10-233-032A-55
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CURRENT FILING DATE: 2001-05-21 PRIOR APPLICATION NUMBER: US 60/PRIOR FILING DATE: 2001-02-01 NUMBER OF SEQ ID NOS: 77 SOFTWARE: Patentin version 3.0
                                                                                                                                        TYPE: DNA
ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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                                                                                                   SEQ ID NO 55
LENGTH: 24
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Publication No. US20040137423A1
GENERAL INFORMATION:
APPLICANT: HAGACH, Michael R.
APPLICANT: HAGACH, Michael R.
APPLICANT: Elec, Susanne
APPLICANT: Dimetone, Simon
APPLICANT: Dimetone, Mileon, Angela R.
TITLE OF INVENTION: Compositions and Methods for Modulating
FILE REPERENCE: 760050-109
CURRENT PILING DATE: 2000-109
PRIOR FILING DATE: 1099-03-15
PRIOR PLING DATE: 1999-03-15
PRIOR PLING DATE: 1999-03-15
PRIOR PLING DATE: 1999-04-17
PRIOR PLING DATE: 1999-06-10
PRIOR PLING DATE: 1999-06-17
PRIOR PLING DATE: 1990-06-17
PRIOR PLING DATE: 1990-06-17
PRIOR PLING DATE: 1990-06-17
PRIOR PLING DATE: 1990-06-17
PRIOR PLING DATE: 2000-03-15
PRIOR FILING DATE: 2000-03-15
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256
SECTIMES WOR'S ELEMAN WINDOW VETSION OF SECTIMES WOR'S ELEMAN PRIOR WINDOW VETSION OF SECTIMES WOR'S ELEMAN PRIOR PLING DATE: 3000-06-23
NUMBER OF SEQ ID NOS: 256
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Pred. No. 8e+02;
0; Mismatches 2; Indels
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0.9%; Score 20.8; DB 1;
Best Local Similarity 91.7%; Pred. No. 8e+02;
Matches 22; Conservative 0; Mismatches 2;
PRIOR FILING DATE: 2001-10-21
NUMBER OF SEQ ID NOS: 36
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
LENGTH: 24
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APPLICANT: Pimstone, Simon
APPLICANT: Brooks-Wilson, Angela R.
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                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 91.77
Matches 22, Conservative
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ORGANISM: Homo sapiens
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Query Match
Best Local Similarity
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Sequence 14, Application US/10872113

Sequence 14, Application US/10872113

Fublication No. US2004022927541

SedneRAL INPORMATION:

APPLICANT: Hayden, Michael R.

APPLICANT: Pimetone, Simon

APPLICANT: Pimetone, Simon

APPLICANT: Brooks-Wilson, Angela R.

APPLICANT: Clee, Simanne M.

TITLE OF INVENTION: Compositions and Methods for Modulating

TITLE OF INVENTION: Compositions and Triglyceride Levels

TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels

FILE REFERENCE: 76005-0138

CURRENT APPLICATION NUMBER: US/10/872,113

PRIOR PELING DATE: 2000-09-01

PRIOR PELING DATE: 1999-06-17

PRIOR PELING DATE: 1999-06-18

PRIOR PELING DATE: 1999-06-17

PRIOR PELING DATE: 1999-06-17

PRIOR PELING DATE: 1999-06-17

PRIOR PILING DATE: 1999-06-17

PRIOR PILING DATE: 1999-06-17

PRIOR PILING DATE: 2000-03-15

PRIOR PILING DATE: 2000-03-15

PRIOR PILING DATE: 2000-03-15

PRIOR PILING DATE: 2000-06-23

NUMBER OF SEQ ID NOS: 256

SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
                                 TITLE OF INVENTION: Compositions and Methods for Modulating TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels TILE OF INVENTION: HDL Cholesterol and Triglyceride Levels TILE REPRENCE: 760050-109
CURRENT APPLICATION NUMBER: US/10/745,377
CURRENT FILING DATE: 2003-12-23
FRIOR APPLICATION NUMBER: US/654,323
FRIOR APPLICATION NUMBER: US 60/124,702
FRIOR PELING DATE: 1999-03-15
FRIOR APPLICATION NUMBER: US 60/138,048
FRIOR PELING DATE: 1999-06-17
FRIOR APPLICATION NUMBER: US 60/139,600
FRIOR APPLICATION NUMBER: US 60/151,977
FRIOR APPLICATION NUMBER: US 60/151,977
FRIOR APPLICATION NUMBER: US 60/151,977
FRIOR FILING DATE: 1999-09-01
FRIOR FILING DATE: 2000-03-15
FRIOR FILING DATE: 2000-03-15
FRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256
SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
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                         Susanne M.
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ORGANISM: homo sapien
US-10-745-377-62
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Sequence 18, Application US/10440066

Publication No. US20330180256A1

GENERAL INFORMATION:

GENERAL INFORMATION:

GENERAL INFORMATION:

TITLE OF INVENTION:

CURRENT PAPLICATION NUMBER: US/09/687,637

PRIOR APPLICATION NUMBER: US/09/687,637

PRIOR PILING DATE: 2000-10-13

PRIOR FILING DATE: 1999-04-14

PRIOR FILING DATE: 1999-04-14

PRIOR PILING DATE: 1999-04-14

PRIOR PILING DATE: 1998-04-14

PRIOR PILING DATE: 1998-04-14

PRIOR PILING DATE: 1998-04-14

PRIOR PUBLICATION NUMBER: UF 10/121805

PRIOR PUBLING DATE: 1998-04-14

PRIOR PUBLICATION NUMBER: JP 10/121805

PRIOR PUBLING DATE: 1998-04-14

PRIOR PUBLING DATE: 1998-04-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Hayden, Figure A.,
APPLICANT: Haydene, Simon
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Clee, Susanne M.
ITILE OF INVENTION: Compositions and Methods for Modulating
TITLE OF INVENTION: Compositions and Methods for Modulating
FILE REFERENCE: 760050-138
CURRENT FILING DATE: 2004-06-18
PRIOR APPLICATION NUMBER: US 60/124,702
PRIOR PILING DATE: 1999-03-15
PRIOR FILING DATE: 1999-06-17
PRIOR PLILING DATE: 1999-06-17
PRIOR FILING DATE: 1999-06-17
PRIOR FILING DATE: 1999-06-17
PRIOR FILING DATE: 2000-03-15
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 256
SOFTWARE: WOR'D KE WINDOWN VERSION 6.0 (ASCII Text)
SEQ ID NO 62
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      DB 1; Length 24;
                                                                      Indels
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0.9%; Score 20.8; DB 1
91.7%; Pred. No. 8e+02;
tive 0; Mismatches
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Publication No. US20040229275A1
GENERAL INFORMATION:
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Best Local Similarity 91.74
Matches 22, Conservative
                                                                      Conservative
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; ORGANISM: homo sapien
US-10-872-113-62
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ORGANISM: Artificial Sequence
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LENGTH: 22
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US-10-198-069-35

US-10-198-069-35

Publication No. US20030096756A1

GENERAL INFORMATION:

ATTLE OF INVENTION:

TITLE OF INVENTION:

TITLE OF INVENTION:

TITLE OF INVENTION:

TITLE OF INVENTION:

CURRENT APPLICATION NUMBER: US/10/198,069

CURRENT APPLICATION NUMBER: 60/306,161

PRIOR PILING DATE: 2002-07-19

PRIOR PILING DATE: 2001-07-19

PRIOR PILING DATE: 2001-07-19

PRIOR PILING DATE: 2001-07-19

PRIOR PILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 48

SOFTWARE: Patentin Ver. 2.1

SEQ 1D NO 35

LENGTH: 27
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ö
                                                                                                                                       Query Match 0.9%; Score 20.8; DB 1; Length 27; Best Local Similarity 91.7%; Pred. No. 7.9e+02; Matches 22; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.9%; Score 20.6; DB 1; Length 27; Best Local Similarity 85.2%; Pred. No. 8.1e+02; Matches 23; Conservative 0; Mismatches 4; Indels
                                                FEATURE:
; CTHER INFORMATION: Artificially synthesized primer sequence US-10-440-066-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 90, Application US/09918686
Factor No. US20020076720A1
GENERAL INFORMATION:
APPLICANT: Brunkow, Mary
APPLICANT: Proll, Sean
APPLICANT: Paeper, Bryan
APPLICANT: Seachling-Hampton, Karen
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFREENCE: 240083.515
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2331 CTCGGCCTCCCAAAGTGCTGGGATTAC 2357
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        TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Sequence 755, Application US/10002623
; Publication No US20030134285A1
; GENERAL INRORMATION:
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: A PEFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; TITLE OF INVENTION: POPULATIONS
; TITLE OF INVENTION: 9001.11-01
; PRIOR PEPLICATION NUMBER: US 60/245,355
; NUMBER OF SEQ ID NOS: 952
; NUMBER OF SEQ ID NOS: 952
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                                                                               Score 20.4; DB 1; Length 22;
Pred. No. 8.4e+02;
0; Mismatches 1; Indels
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Pred. No. 8.4e+02;
0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Brunkow, Mary
APPLICANT: Proll, Sean
APPLICANT: Paper, Bryan
APPLICANT: Stachling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: 00083.515
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 94
LENGTH:: 22
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; OTHER INFORMATION: PCR primer US-09-918-686-90
                                                                            Query Match
Best Local Similarity 95.5%;
Matches 21; Conservative
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ORGANISM: Artificial Sequence
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Best Local Similarity 95.5%;
Matches 21; Conservative
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Best Local Similarity
Matches 21, Conserva
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Sequence 274, Application US/10452510
Publication No. US2004005666A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-93
CURRENT APPLICATION NUMBER: US/10/452,510
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0.9%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1; Indels
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                       GENERAL INFORMATION:
APPLICANT: Brunkow, Mary E.
APPLICANT: Proll, Sean
APPLICANT: Proper, Bryan
APPLICANT: Stabling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515C1
CURRENT FILING DATE: 2003-01-27
NUMBER OF SEQ ID NOS: 105
SOFTWARE FALSEQ for Windows Version 4.0
LENGTH: 22
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APPLICANT: Proll, Sean
APPLICANT: Proll, Sean
APPLICANT: Paper, Bryan
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515C1
CURRENT APPLICATION NUMBER: US/10/353,150
CURRENT FILING DATE: 2003-01-27
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 94
LENGTH: 22
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Publication No. US20030157543A1
GENERAL INFORMATION:
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Publication No. US20030157543A1
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Sequence 758, Application US/10002623

Publication No. US20030134285A1

GENERAL INFORMATION:

APPLICANT: OFFERER, PETER J.

TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC

TITLE OF INVENTION: A METHOD FOR TITLE

TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC

TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC

TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC

TITLE OF INVENTION: A METHOD FOR DETERMINE FERMINING GENETIC

TITLE OF INVENTION: A METHOD FOR DETERMINE FERMINING GENETIC

TITLE OF INVENTION: A METHOD FOR DETERMINE FERMINING GENETIC

TITLE OF INVENTION FOR DETERMINE FERMINING GENETIC

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Sequence 761, Application US/10002623

Publication No. US2003013428541

GENERAL INFORMATION:

APPLICANT: UNDERHILL, PETER A.

TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC

TITLE OF INVENTION: A PEPLIATION SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN

TITLE OF INVENTION: POPULATIONS

FILE REFERENCE: STAN-21

CURRENT APPLICATION NUMBER: US/10/002,623

CURRENT APPLICATION NUMBER: US 60/245,355

PRIOR FILING DATE: 2000-11-01

NUMBER OF SEQ ID NOS: 952

SOFTWARE: FBSESEQ for Windows Version 4.0

SEQ ID NO 761

LENGTH: 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.9%; Score 20.4; DB 1; Length 22; Best Local Similarity 95.5%; Pred. No. 8.4e+02; Matches 21; Conservative 0; Mismatches 1; Indels
                           2092 TITITITGAGACCGAGTCTTG 2113
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2092 TTTTTTGAGACCGAGTCTTG 2113
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US-10-353-150-90/c
; Sequence 90, Application US/10353150
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Best Local Similarity 95.5
Matches 21; Conservative
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; ORGANISM: Homo Sapiens
US-10-002-623-758
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-761
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 237
US-10-002-623-761
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Gaps

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Length 22; 1; Indels 85

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Sequence 274, Application US/10833679
Publication No. US20040185508A1
| GENERAL INFORMATION:
| APPLICANT: Hayden, Michael R. |
| APPLICANT: Brocks-Wilson, Angela R. |
| APPLICANT: Pimetone, Simon N. |
| TILLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS |
| TILLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS |
| TILLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS |
| TILLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS |
| TILLE OF INVENTION: WUMBER: US/10/83,679 |
| PRIOR PILLING DATE: 2003-06-02 |
| PRIOR PILLING DATE: 2003-07-10 |
| PRIOR PILLING DATE: 2003-07-10 |
| PRIOR PELLON NUMBER: 06/124,702 |
| PRIOR PILLING DATE: 1999-06-15 |
| PRIOR PILLING DATE: 1999-06-17 |
| PRIOR PILLING DATE: 1999-09-01 |
| NUMBER OF SEQ ID NOS: 287 |
| COFTURER PERSON NUMBER: 66/151,977 |
| PRIOR PILLING DATE: 1999-09-01 |
| NUMBER OF SEQ ID NOS: 287 |
| COFTURER PERSON NUMBER: 66/151,977 |
| PRIOR PILLING DATE: 1999-09-01 |
| NUMBER OF SEQ ID NOS: 287 |
                                   TITLE OF INTERNION: ARTHOLOGY AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REPERBNUE: 760050-92
CURRENT PAPLICATION NUMBER: 0210/744,465
CURRENT FILING DATE: 2003-12-23
FRIOR APPLICATION NUMBER: 10/617,334
FRIOR APPLICATION NUMBER: 0/9526,193
FRIOR APPLICATION NUMBER: 60/124,702
FRIOR APPLICATION NUMBER: 60/124,702
FRIOR FILING DATE: 1999-06-15
FRIOR FILING DATE: 1999-06-08
FRIOR FILING DATE: 1999-06-08
FRIOR PAPLICATION NUMBER: 60/139,600
FRIOR PAPLICATION NUMBER: 60/139,600
FRIOR APPLICATION NUMBER: 60/139,600
FRIOR APPLICATION NUMBER: 60/139,600
FRIOR APPLICATION NUMBER: 60/139,600
FRIOR FILING DATE: 1999-06-17
FRIOR PILING DATE: 1999-06-17
FRIOR FILING DATE: 1999-06-17
FRIOR FILING DATE: 1999-09-01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 22;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1; Indels
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0.9%; Score 20.4; DB 1;
Best Local Similarity 95.5%; Pred. No. 8.4e+02;
Matches 21; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2188 ITCICCIGCCICAGCCICCCAA 2209
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-833-679-274/c
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LENGTH: 22
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APPLICANT: Brooks-Wilson, Angela R.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILER REFERENCE: 760050-91
CURRENT APPLICATION NUMBER: US/10/617,334
CURRENT FILING DATE: 2003-07-10
FRIOR APPLICATION NUMBER: 60/124,702
FRIOR APPLICATION NUMBER: 60/124,702
FRIOR APPLICATION NUMBER: 60/139,048
FRIOR RILING DATE: 1999-03-15
FRIOR RELING DATE: 1999-06-08
FRIOR RELING DATE: 1999-06-08
FRIOR FILING DATE: 1999-06-08
FRIOR FILING DATE: 1999-06-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.9%; Score 20.4; DB 1; Length 22; 95.5%; Pred. No. 8.4e+02; ive 0; Mismatches 1; Indels
CURRENT FILING DATE: 2003-06-02
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR APLING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR FILING DATE: 1999-03-15
PRIOR FILING DATE: 1999-06-08
PRIOR FILING DATE: 1999-06-07
PRIOR FILING DATE: 1999-06-17
PRIOR FILING DATE: 1999-06-01
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 274, Application US/10617334 Publication No. US20040058869Al GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-744-465-274/c
; Sequence 274, Application US/10744465
; Publication No. US20040157250A1
; GENERAL INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Hayden, Michael R. APPLICANT: Brooks-Wilson, Angela R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 22 rrcrccreccrraccrcccaa 1
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Best Local Similarity 95.5'
Matches 21; Conservative
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Best Local Similarity 95.5
Matches 21; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo sapiens
US-10-452-510-274
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US-10-617-334-274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Patentin 3.0
SEQ ID NO 274
LENGTH: 22
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LENGTH: 22
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TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
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US-09-752-983-4
                                                                                                                                                                            Linear
                                                                                                                                                                         TOPOLOGY: Line
ANTI-SENSE: Yes
US-09-752-983-3
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                                                                                                                                  Sequence 30, Application US/10457839
Publication No. US20040014115A1
GENERAL INPORMATION:
APPLICANT: Myriad Genetics, Incorporated
APPLICANT: Hendricken, Brant C
APPLICANT: HENDRINION: Large Deletions in Human BRCA-1 Gene and Use Thereof
FILE REFERENCE: 3002-03
CURRENT APPLICATION NUMBER: US/10/457,839
CURRENT FILING DATE: 2002-06-09
FRIOR FILING DATE: 2002-06-07
FRIOR FILING DATE: 2002-06-07
FRIOR FILING DATE: 2002-06-09
NUMBER OF SEQ ID NOS: 93
SOFTWARE: Patentin version 3.2
LENGTH: 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 3, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTIESES MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Mailton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPER ELABORE FORM:
MEDIUM TYPER ELABORE DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: 1BM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPREPECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER:
99/280,805
FILING DATE: - «Unknown>
ATYORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2144 GATCTTGGCTCACTGCAAGCTCTGC 2168
22 TTCTCCTGCCTTAGCCTCCCAA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity 88.0
Matches 22; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A. ZIP: 08053
                                                                                                                        US-10-457-839-30/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-752-983-3/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                              Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mariton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPTRY:

COMPUTER:

OBOSS

COMPUTER READBLE FORM:

MEDIUM TYER:

DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER:

COMPUTER:

COMPUTER:

COMPUTER:

MINDOWS 95

SOFTWARE:

WORDERFECT 6.0

CURRENT APPLICATION DATA:

RAPPLICATION NUMBER:

FILING DATE:

CLASSIFICATION:
                                                                                                                                                                                                                                                           Query Match

0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN:
ATTONNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                   1 GCACCGCGCGAGCTTGGCTG 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 4, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
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TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS
LENGTH: 20 base pairs
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Score 20; DB 1; Length 20;
Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 7, Application US/09752983
Patent No. US2001016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: 271
CORRESPONDENCE ADDRESS: 271
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Pred. ...
                                               CURREAL AND COURTAINS AND COURTENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAMME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  147 ATTAGTGCGTACGAGCGCCC 166
              COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
OPERATINE WORDPERFECT 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 609-810-1454 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: Line
; ANTI-SENSE: Yes
US-09-752-983-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-752-983-7/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 249
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                                                  Sequence 5, Application US/09752983
Sequence 5, Application US/09752983
Setent No. US20010016575A1
GENERAL INFORMATION:
JAPPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.8%; Score 20; DB 1; Length 20;
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Fatent No. US20010016575A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Crehn J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
ITILE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
ITILE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STREET: GE East Main Street
                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE COMPUTER: IBM PC OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

APPLICATION UNDER: US/09/752,983

FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   95 CTCTGACCGAGATCCTGCTG 114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 CTCTGACCGAGATCCTGCTG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 08053
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE: Yes
US-09-752-983-5
                                                                                                                                                                                                                                                                                                                                                           U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                 08053
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ZIP: 08053
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                              US-09-752-983-5/c
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                                                                                                                                                                                                                                                                                                                                   STATE: N. COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   8
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: UNKNOWN:
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECHONE: 609-810-1515
TELEPHONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: WORDPERPECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     295 TGGTGAGGAGCAGGCAAATG 314
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                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Linear
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STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; ANTI-SENSE: Yes
US-09-752-983-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            JS-09-752-983-10/c
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100.0%; Pred. No. 8.8e+02;
Ive 0; Mismatches 0; Indels
                                                                                                                                                                0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                              Sequence 8, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
ADDRESSEE Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
ZIP: 08053
COMPUTER RADABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: cURNCOWN>
ATOMERY/AGENT INFORMATION:
APPLICATION NUMBER: 32,257
FILING DATE: date Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
FILING DATE: 09-810-1515
TELEFAX: 609-810-155
TELEFAX: 609-810-155
TELEFAX: 609-810-155
TELEFAX: 509-810-155
TELEFAX: 509-810-155
TELEFAX: 509-810-155
TYPE: NUCLEIC ACID
STRANDEDNESS: SINGIE
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 9.8
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                               181 GAGAGTGGAATGATCCCCGA 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  273 CTCCAAGCGCGAAAACCCCG 292
                                                                                                                                                                                                                                                                     20 GAGAGTGGAATGATCCCCGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 CTCCAAGCGCGAAAACCCCG 1
      ; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; ANTI-SENSE: Yes
US-09-752-983-7
                                                                                                                                                                                                       Matches 20; Conservative
                                                                                                                                                                                       Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                             RESULT 250
US-09-752-983-8/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 251
US-09-752-983-9/c
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                                                                                                                                                                  Query Match
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Sequence 10, Application US/09752983
Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
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Gaps

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Length 20; 0; Indels

8.8e+02;

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Gaps
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                                                                                                                                                                        0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 12, Application US/09752983

Patent No. US2010016575A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSES: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Mailton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08052
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: MORDPERFECT 6.0
CURRENTING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 20; DB 1; Lr
Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ch 0.8%; Score 20; DB 1 Similarity 100.0%; Pred. No. 8.8 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
PILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                   331 CTGTACCTACTGATGGTGCT 350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        617 GATCTACAGGAACTTGGTAG 636
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; Patent No. US20010016575A1
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                                                                                                                                                           Ouery Match
Best Local Similarity 100.0
Matches 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                609-810-1454
                STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                   ; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-12
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US-09-752-983-13/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 11, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
ITILE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
ITILE OF INVENTION: EXPRESSION
UNMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITKER: 10 to bast main Street
CITK: NJ
COMPUTEX: NJ
COMPUTEX: NJ
ZIP: 08053
ZIP: 08053
ZOMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: DISKETTE, 3.5 INCH, 1.45 MB STORAGE
COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: DISKETTE, 3.5 INCH, 1.45 INCH MB STORAGE
COMPUTER: DISKETTE, 3.5 INCH MB STORAGE
COMPUT
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILLING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILLING DATE: duknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTER.STICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
TYPE: Nucleic Acid
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            303 AGCAGGCAAATGTGCAATAC 322
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-752-983-11/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY:
; ANTI-SENSE:
US-09-752-983-10
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Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
INTIE OF INVENTION: EXPRESSION
INTERSPONDENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Mariton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                           PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/280,805

FILING DATE: «UNKNOM».

ATTORNEY, AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257

REPERENCE, DOCKET NUMBER: 1SPH-0346

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OS 810-1515
TELECOMMUNICATION OS 810-1515
TELECOMMUNICATION OS 820 ID 14:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC Acid
TYPE: NUCLEIC Acid
STRANDEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1381 TTGATGTTCCTGATTGTAAA 1400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
            02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHRACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                  Linear
Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-752-983-15/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ANTI-SENSE:
US-09-752-983-14
                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY:
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US-00-752-983-14/C
; Sequence 14, Application US/09752983
; Patent No. US20010016573A1
; GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
TITLE OF INVENTION: BATISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: BATISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: BATISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: ANTISENSE 271
CORRESPONDENCE ADDRESS: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jame Massey Licata
STREET: 66 East Main Street
CITY: Marlton
COUNTRY: U.S.A.
ZIP: MASDIW TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: MARD COMPUTER: IBM PC
OFFRATING SYSTEM: WINDOWS 95
SOFFWARE: WORDDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
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APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: 271
CORRESPONDENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
ZIP: 00605 THE COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IEM PC
COMPUTER: IEM PC
COMPUTER: IEM PC
COMPUTER: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IEM PC
COMPUTER: MORDERFRETC 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CUNKNOWN.
AND ATTORNEY/ARENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 33,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 600-810-11515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20 AGTGTAGAATTTGAAGTTGA 1
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US-09-752-983-13
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FITLE OF INVENTION:
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                                                                                                                        CITY: Marlton
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                                            Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                              Sequence 16, Application US/09752983

Patent No. US20010015575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: LAW Offices of Jane Massey Licata

STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      18-09-752-983-17/c
| Sequence 17, Application US/09752983
| Patent No. US20010016575A1
| GENERAL INFORMATION:
| APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
| APPLICANT: Graham, Brett P. Monia
| TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: 1BM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN»
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ISPH-0346
                                                                                                                                      1695 TTTACATGTGCAAAGAAGCT 1714
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                                                                                                                                                                                     20 TTTACATGTGCAAAGAAGCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 ratriccciadrigaccie 1
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STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                       RESULT 258
US-09-752-983-16/c
US-09-752-983-15
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US-09-752-983-16
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NUMBER OF SEDURENCES 271

ADDRESSOR SEDURENCES 271

ADDRESSOR SERVENCES 271

ADDRESSOR SERVENCES 271

COMPTRET (6 Ear Main Street

STATE: WAILOR

COMPTRET (6 Ear Main Street

STATE: WAILOR

COMPTRET (6 Ear Main Street

COMPTRET (6 Ear Main Street

COMPTRE STATES 3.5 INCH, 1.44 Mb STORAGE

COMPTRE PED STATES 3.5 INCH, 1.44 Mb STORAGE

COMPTRE PED STATES 3.5 INCH, 1.44 Mb STORAGE

COMPTRE STATES 3.5 INCH, 1.44 Mb STORAGE

COMPTRE STATES 3.5 INCH, 1.44 Mb STORAGE

COMPTRE STATES 3.5 INCH, 3.6 INCH, 3.4 I
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Gaps ö

Indels

Pred. No. 8.8e+02; ; Mismatches 0;

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Sequence 20, Application US/09752983
Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Caraham, Breet P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
                                                                                                                                                         1934 TAGTGGAATAGTGAATACTT 1953
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTI
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-752-983-20/c
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Sequence 19, Application US/09752983

Patent No. US200100165781

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

INVERSE PONDENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jame Massey Licata

STREET: 66 East Main Street

CITY: Mariton

STRATE: NJ

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: MAPPLICATION DATA:

MEDIUM TYPE: US/09/752,983

FILING DATE: 02-Jan-2001

CLASSIFICATION NUMBER: US/09/752,983

PTLING DATE: 02-Jan-2001

CLASSIFICATION NUMBER: 09/280,805

FILING DATE: CUNKNOWN-

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRENCE/DOCKET NUMBER: 1SPH-0346

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION:

TE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                     ISPH-0346
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               FILING DATE: «Unknown)
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 12PH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPAX: 609-810-1515
TELEFAX: 609-810-1515
TELEFAX
APPLICATION NUMBER: 09/280,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 CTAACTATATACCCTAGGA 1
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INFORMATION FOR SEQ ID NO: 5EQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-752-983-18
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Yes
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US-09-752-983-19/c
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US-09-752-983-19
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Gaps ö Length 20; Sequence 21, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION DISKETTE, 3.5 INCH, 1.44 Mb STORAGE 0.8%; Score 20; DB 1; L. 100.0%; Pred. No. 8.8e+02; Mismatches SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION: 2132 AGTGCAGTGGGTGATCTTGG 2151 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION: NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: 1SPHTELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS: Best Local Similarity 100.0%; Po Matches 20; Conservative 0; WINDOWS 95 LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS:

0.8%; Score 20; DB 1; Length 20;

Query Match

Gaps

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0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 25, Application US/09752983
Patent No. US200100165781
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS: 271
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08053
ZOP: 08053
ZOMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPRATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: US/09/752,983
FILING DATE: QUANDRER: 09/280,805
FILING DATE: CURROWN:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION TOWER: CURROWN:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 22: SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
TYPE: Mucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRENCE/DOCKET NUMBER: ISPH-0346
TELECOMMINICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                   2256 GTACTTTTAGTAGACAGG 2275
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: Nucleic Acid
STRANDEDNESS: Sing
                                                                                                                                                                                                                                                            TOPOLOGY: Linear
HANTI-SENSE: Yes
US-09-752-983-22
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Sequence 22, Application US/09752983

Sequence 22, Application US/09752983

Patent No. US20010016575A1

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

CONNTRY: U.S.A.

ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: MORDFERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION WHOBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION WHOBER: 09/280,805
FILING DATE: <UNARROWN:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
ADDRESSEB: Law Offices of Jane Massey Licata
STRET: 66 East Main Street
STATE: Marlton
STATE: NJ
                                                                                                                                                                                                  OCHERATING SYSTEM; WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
APPLICATION NUMBER: 09/280,805
FILING DATE: cUnknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGISTRATION INFORMATION:
TELECHOME: 609-810-1515
TELEFRAX: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2224 AGTCATCTGCCACCACCT 2243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 AGTCATCTGCCACCACACCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SECTION SEQUENCE SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                             U.S.A.
                                                                                         COUNTRY: U. ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ANTI-SENSE:
US-09-752-983-21
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NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 99/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                14 TIGGCIGCTICTGGGGCCTG 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 TTGGCTGCTTCTGGGGCCTG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                        COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: NJ
COUNTRY: U.S.A.
                             U.S.A.
                                                                                              MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 268
US-09-752-983-35/c
                                                ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-752-983-34
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                                                                                                                                                                                                                            APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: dast Main Street
STREET: 66 East Main Street
CITY: Mailton
STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 34, Application US/09752983

Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE. Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:

IDENTIFY: 08052
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: MORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING DATE: <0/ANDATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <0/ANDATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <0/ANDATA:
APPLICATION NUMBER: 30/280,805
FILING DATE: <0/ANDATA:
APPLICATION NUMBER: 30/280,805
FILING DATE: <0/ANDATA:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
FREGISTRATION NUMBER: 32,257
FREGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                ; Sequence 33, Application US/09752983; Patent No. US20010016575A1
; GENERAL INFORMATION:
37 GGCCCTGTGTCGGAAAGA 56
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         4 CCGCGCGAGCTTGGCTGCTT 23
                             20 GGCCCTGTGTGTCGGAAAGA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-33
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                                                                                                                                          US-09-752-983-33/c
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US-09-752-983-34/c
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Gaps
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Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton
                                             COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURKNOWN:
APPLICATION NUMBER: 15PH-0346
FILING DATE: CURKNOWN:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
RECISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 1515
FILINGRAFICON FOR SEQ ID NO: 1505
FELECOMMUNICATION FOR SEQ ID NO: 1505
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Sequence 37, Application US/09752983
Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSES: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
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Patent No. US2001016575A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Crebnam, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U$/09/752,983
FILING DATE: 02-Jan-2001
CLASSIPICATION:
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: ADARDAMA:
APPLICATION NUMBER: 09/280,805
FILING DATE: ADARDAMA:
APPLICATION NUMBER: 12,257
REFERENCE/DOCKET NUMBER: 12,257
REFERENCE/DOCKET NUMBER: 12,257
REFERENCE/DOCKET NUMBER: 12,257
REFERENCE/OPCRET NUMBER: 12,257
REFERENCE/OPCRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     34 TGTGGCCCTGTGTGTCGGAA 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 100.(
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 base pairs
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STRANDEDNESS: Sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Linear
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STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ANTI-SENSE: Yes
US-09-752-983-37
                                                                                          RESULT 270
US-09-752-983-37/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: NJ
COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 271
US-09-752-983-38/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 20; DB 1; Length zv;
Pred. No. 8.8e+02;
Original Operation of Preds
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 20; DB 1; Length 20;
Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ch 0.8%; Score 20; DB 1 Similarity 100.0%; Pred. No. 8.6 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8%; Score 20; DB ilarity 100.0%; Pred. No. 8.6 Conservative 0; Mismatches
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APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:

RIOR APPLICATION DATA:

APPLICATION NUMBER: 09/280,805
FILING DATE: cunknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      32,257
3ER: ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 GCTTCTGGGGCCTGTGTGGC 39
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                                                                          TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 35.
SEQUENCE CHARACTERISTICS.
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20 eccrererececererere
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                29 GCCTGTGTGGCCCTGT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
Matches 20; Conservat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
Matches 20; Conserva
                                                                                                                                                                                                                                                                                                                     ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        08053
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NSOULE CASE ADDITION OF APPLICANT: LOTEN J. MATERIES MODULATION OF HUMAN MDM2: TITLE OF INVENTION: EXPRESSION OF HUMAN MDM2: CORRESPONDENCE ADDRESS: ADDRESSE: ADDRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                         Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
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                                                                                                                                                                                                                                                                                                                                      Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             50 GGAAAGATGGAGCAAGAAGC 69
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 GGAAAGATGGAGCAAGAAGC 1
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                                                INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                             TOPOLOGY: Linear ANTI-SENSE: Yes US-09-752-983-39
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-752-983-40
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Patent No. US201001657541

GENERAL INPORMATION:

APPLICANT: Loranan, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred, No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: ORDEREFET 6.0

CURRENT PAPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: OS-Jan-2001
CLASSIFTCATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: OS-Jan-2001

APPLICATION NUMBER: US/20,0805
FILING DATE: CURACOMPATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
INFORMATION FOR SEQ ID NO: 38:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDENNESS: Single
TOPOLOGY: Linear
US-09-752-983-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: NO
COUNTRY: NO
COMPUTER: NO
COMPUTER: READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: US/09/752,983
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
TELECOMMUNICATION INFORMATION:
TELEFHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   43 GTGTGTCGGAAGATGGAGC 62
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Gaps

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Sequence 43, Application US/09752983

Parent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
CORRESPONDENCE MAIN Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: MALLOLI
STATE: MALLOLI
STATE: MALLOLI
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFERT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION DA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                             CLASSIFICATION

PRIOR APPLICATION DATA:

PRIOR APPLICATION NUMBER: 09/280,805

FILING DATE: «UNKNOWN»

ATTORNEY AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: 1SPH-0346

TELECOMMUNICATION INFORMATION:

TELEPHONE: 609-810-1515

ITELEFAX: 609-810-1515

ITELEFAX: 609-810-1515

INFORMATION FOR SEQ ID NO: 42:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
                  OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               98 TGACCGAGATCCTGCTT 117
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
FELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: Linear
HANTI-SENSE: Yes
US-09-752-983-42
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-752-983-43/c
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US-09-752-983-41/c
; Sequence 41, Application US/09752983
; Patent No. US20010016575A1
; Grent No. US20010016575A1
; Grent No. US20010016575A1
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2; TITLE OF INVENTION: EXPRESSION
; VUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESSE:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: U.S.A.
ZIP: 08053
; COUNTRY: U.S.A.
ZIP: 08053
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
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Sequence 42, Application US/09752983

Sequence 42, Application US/09752983

Sequence 42, Application US/09752983

GENERAL INFORMATION: APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: ANTISENSE

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ouery Match 0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: LIBA PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION
PRIOR APPLICATION
FILING DATE: clukrown>
APPLICATION NUMBER: 09/280,805
FILING DATE: clukrown>
APPLICATION NUMBER: 1257
REFERENCE/DOCKET NUMBER: 12FH-0346
TELECOMUNICATION INFORMATION:
TELECHONE: 609-810-1515
TELECHONICATION SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 cáraccearacacacacacaca
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-752-983-41
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BENERAL INFORMATION:
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US-09-752-983-46/C
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                                                                                                                                                                                                                                                                                                                                                    Sequence 44, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
    APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
    APPLICANT: Graham, Brett P. Monia
    TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
    TITLE OF INVENTION: EXPRESSION
    NUMBER OF SEQUENCES: 271
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: Law Offices of Jane Massey Licata
    STREET: G6 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 20;
                                                                                                                               Score 20; DB 1; Length 20; Pred. No. 8.8e+02;
                                                                                                                                                                       0; Indels
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 20; DB 1; Le
Pred. No. 8.8e+02;
                                                                                                                        Query Match

Query Match

Best Local Similarity 100.0%; Pred. No. 8.8

Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: cUnknown-
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-752-983-45/c | Sequence 45, Application US/09752983 | Patent No. US20010016575A1
                                                                                                                                                                                                                105 GATCCTGCTGCTTTCGCAGC 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       113 TGCTTTCGCAGCCAGGAGCA 132
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COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
CONTURNED WORDERFECT 6.0
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INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
NATI-SENSE: Yes
US-09-752-983-44
                   STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-43
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TRY: U.S.A.
08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: 66
CITY: Marl
STATE: NJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 46, Application US/09752983
Sequence 46, Application US/09752983
Patent No. US20010016575A1
GANERAL INFORMATION:
GAPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOPTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
                                                                                                                                             ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURLOWN:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            120 GCAGCCAGGAGCACCGTCCC 139
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SEQUENCE CHARACTERISTICS:
TENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; ANTI-SENSE: Yes
US-09-752-983-45
                                                                                                                                                                                                                                           COUNTRY: U.S.A. ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Marlton
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Gaps
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Sequence 48, Application US/09752983

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton
                                                                                                                Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING DATE: CURLOWN:
APPLICATION NUMBER: 09/280,805
RIGGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 282
US-09-752-983-49/c
; Sequence 49, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
                                                                                                                                                                                                                                                               158 CGAGCGCCCAGTGCCCTGGC 177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       165 CCAGTGCCCTGGCCCGGAGA 184
                                                                                                                                                                                                                                                                                                            20 CGAGCGCCCAGTGCCCTGGC 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.81
Best Local Similarity 100.0
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: NJ
COUNTRY: U.
ZIP: 08053
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           ; ANTI-SENSE:
US-09-752-983-47
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match

0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                      PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/280,805

FILING DATE: -CURKNOWN:

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: 32,257

REFERENCE/DOCKET NUMBER: 1SPH-0346

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELEFAX: 609-810-1515

SEQUENCE CHARACTER STICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDENESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Licata, Jame Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 47:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC Acid
STRANDEDNESS: Single
TOPPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFFCATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION WINDER: 09/280,805
FILING DATE: CURROWN-
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: US/09/752,983 FILING DATE: 02-Jan-2001
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ANTI-SENSE: Yes
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                                         FILING DATE: 03
CLASSIFICATION:
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Length 20;
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APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1; Le
. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: - CURROWN>
ATHORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/POCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIPICATION:
PRIOR APPLICATION
PRIOR APPLICATION
APPLICATION NUMBER: 09/280,805
FILING DATE: CURLOWN>
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ISPH-0346
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; Sequence 51, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            202 GCCCAGGCGTCGTGCTTCC 221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20 GCCCAGGCGTCGTGCTTCC 1
                                                                                                                                                                                                                            INFORMATION FOR SECTION:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
COS-093-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-752-983-51
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Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loraham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
VUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
    ANTISENSE MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                   STATE: WAS COUNTRY: U.S.A.

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
PRIOR APPLICATION:
PRIOR APPLICATION:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
ZIF: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OMPRATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 0.2-Jan-2001
CLASSIFICATION:
TITLE OF INVENTION: ANTISENSE MODULATION OF HUN
TITLE OF INVENTION: EXPRESSION
MADRER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mariton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         174 TGGCCCGGAGAGTGAATGA 193
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REERENCE/DOCKET UNBER: 151
TELECOMMUNICATION TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best_Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TOPOLOGY: Linear
HANTI-SENSE: Yes
US-09-752-983-49
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Gaps

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US-09-752-983-54/c

i Sequence 54, Application US/09752983

i Sequence 54, Application US/09752983

i Patent No. US20101016578A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: US.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
iive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                 DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                         E: Law Offices of Jane Massey Licata
66 East Main Street
                                                                                                                                                                                                                                           SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION: 02-Jan-2001
CLASSIFICATION OF THE CATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: UNKNOWN->
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CTTGA 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20 AGGAAACTGGGGAGTCTTGA 1
                                                                                                                                                                                                        COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TRLEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.1
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 242 AGGAAACTGGGGAGT
                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTI
COMPUTER: IBM PC
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         CORRESPONDENCE ADDRESS:
                                                                                                08053
                                                                         Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , ANTI-SENSE:
US-09-752-983-53
                                                                                              STATE: NU
COUNTRY:
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                                                                                                                                                                                                                                    Sequence 52, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Mailton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
  0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 53, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM FO.
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Licata, Jane Massey
REGIGTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN.
ATTORNEY/AGENT INFORMATION:
                                                                                            208 GGCGTCGTGCTTCCGCAGTA 227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          217 CTTCCGCAGTAGTCAGTCCC 236
                                                                                                                              20 GCCGTCGTGCTTCCGCAGTA 1
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TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 52:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
                                                  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: Single
Query Match
Best Local Similarity
Matches 20; Conserv
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US-09-752-983-52
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 286
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293 GATGGTGAGGAGCAGGCAAA 312
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Fatent No. US20010016575A1
GENERAL INPORMATION:
FAPPLICANT: Loranan, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: MAILON
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: DISKET 6.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: CURROWN:
APPLICATION NUMBER: 09/280,805
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15SPH-0346
TELECOMMUNICATION INFORMATION:
TELEROMMUNICATION INFORMATION:
TELEROMMUNICATION OF 54:
TELERAX: 609-810-115;
TELERAX: 609-810-115;
TELERAX: 609-810-115;
TELERAX: 609-810-115;
TENGRATION FOR SEQ ID NO: 54:
SEQUENCE CHRACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TYPE: Nucleic Acid
STRANDEDNESS: Single
TYPE: Nucleic Acid
STRANDEDNESS: Single
ANTI-SERSE: Yes
US-09-752-983-54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     289 CCCGGATGGTGAGGAGCAGG 308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20 CCCGGATGGTGAGGAGCAGG 1
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INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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US-09-752-983-55/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           , ANTI-SENSE:
US-09-752-983-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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                                                                                                     US-09-752-983-56/c
; Sequence 56, Application US/09752983
; Sequence 56, Application US/09752983
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: RXPRESSION
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
; SITRET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-01-72-983-57/c

Sequence 57, Application US/09752983

Sequence 57, Application US/09752983

Fatent No. US2010016575A1

FAPELICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Barett P. Monia

TITLE OF INVENTION: BARTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.

ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
FILING DATE: 02-Jan-2001
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: CUNKNOWN:
APPLICATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match

0.8%; Score 20; UD.

Best Local Similarity 100,0%; Pred. No. 8.8

Matches 20; Conservative 0; Mismatches
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20 GATGGTGAGGAGCAGGCAAA 1
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: Nucleic Acid
STRANDEDNESS: Single
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REFERENCE/DOCKET NUMBER: ISPH-0346
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Best Local Similarity 100.0
Matches 20; Conservative
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

TITLE OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ
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ZIP: 08053

ZIP: 08053

COMPUTER READDALE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                      ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
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                                                                                                                                                                                                                                                          COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INPORMATION:
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APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  296 GGTGAGGAGCAGCAAATGT 315
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ANTI-SENSE: Yes
US-09-752-983-57
                                                                                           U.S.A.
    Marlton
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CITY: Ma
STATE: N.
COUNTRY:
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i Sequence 59, Application US/09752983

i Patent No. US20101016575A1

i GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 Bast Main Street

STREET: 66 Bast Main Street

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: IBM PC

COMPUTER: LBM PC

COMPUT
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION UNMBER: 09/280,805
FILING DATE: UNKNOWN>
ATTORNEY/AGENT INFORMATION:
NAMB: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERNICE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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| TELECOMMUNICATION INFORMATION:
| TELEPHONE: 609-810-1515 |
| TELEPHONE: 609-810-1515 |
| TELEPHONE: 609-810-1515 |
| INFORMATION FOR SEQ. ID NO: 58: SEQUENCE CHARACTERISTICS: LENGTH: 20 Base pairs |
| TYPE: Nucleic Acid |
| TOPOLOGY: Linear |
| ANTI-SENSE: Yes |
| US-09-752-983-58
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INFORMATION FOR SEQ ID NO: 55
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
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Sequence 62, Application US/09752983
| Patent No. US20010016575A1
| GENERAL INFORMATION:
| APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: EXPRESSION TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 27
| CORRESPONDENCE ADDRESS: ADDRESSE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marken Number OF STREET: 100 CORRESPONDENCE ADDRESS: STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPTRY: NO COMPUTE: NO S.A. COMPUTE: NO S.A. COMPUTER READBABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC OPERATING SYSTEM: WINDOWS 95 SOFTWARE: WORDERFECT 6.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983 FILING DATE: 02-Jan-2001 CLASSIFICATION: DATA: APPLICATION DATA: APPLICATION NUMBER: 09/280,805 FILING DATE: CURROWAN-STORMENT APPLICATION NUMBER: 32,257 REGISTRATION NUMBER: 32,257 REGISTRATION NUMBER: 32,257 REGISTRATION NUMBER: 15PH-0346 TELECOMMUNICATION: TELECOMMUNICATION:
                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
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                                                                                                                                                                                                                                                                    SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001

CLASSIFICATION

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWN-

ATTONNEY, AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: 1SPH-0346

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION I
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; ANTI-SENSE:
US-09-752-983-61
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GENERAL INFORMATION:
APPLICANT: Graham, Breter P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCES: 271
CORRESPONDENCES: 371
COUNTY: MAILON
STATE: NA
COUNTY: MAILON
STATE: NA
COMPUTER: NA
COMPUTER: BADABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: BENDALL OF SEQUENCES: 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: BENDAL OF SEQUENCES: 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: BENDAL OF SEQUENCES: 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: BENDAL OF SEQUENCES: 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: BENDAL OF SEQUENCES: 3.5 INCH, 1.44 Mb STORAGE
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COMPUTER: BENDAL OF SEQUENCES: 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: BENDAL OF SEQUENCES: 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: BENDAL OF SEQUENCES: 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: GO SEGUENCES: 1.557
REFERENCE, GO SEGUENCES: 1.557
REFERENCE, GO SEGUENCES: 1.557
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REFERENCES: GO SEGUENCES: 1.557
REFERENCES:
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: APPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton
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100.0%; Pred. No. 8.8e+02;
lve 0; Mismatches 0; Indels
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; Sequence 60, Application US/09752983
; Patent No. US20010016575A1
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20 TGAGGAGCAGGCAAATGTGC 1
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US-09-752-983-64/c
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                                                                                                                                                                                                                                                                                                                                                                                      Score 20; DB 1; Length 20;
Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 63, Application US/09752983
Fatent No. US20010016575A1
GENERAL INFORMATION:
FAPFLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Mark J.
APPLICANT: Loren J.
APPLICANT: Loren J. Mark J.
APPLICANT: Loren J. Mark J.
APPLICANT: Loren J. Mark J.
APPLICANT: Loren J.
APPLICAN
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ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: LEW. COMPUTER: WINDOWS J. OPERATING SYSTEM: WINDOWS J. SOFTWARE: WORDPERFECT 6.0 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ISPH-0346
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKnown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      301 GGAGCAGGCAAATGTGCAAT 320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             302 GAGCAGGCAAATGTGCAATA 321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 GGAGCAGCCAAATGTGCAAT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 GAGCAGGCAAATGTGCAATA 1
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 158
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                  62:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEPAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TELEFAX: 609-810-1454
INFRMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
                                                                                                                                                                                                                              TOPOLOGY: Linear

NATI-SENSE: Yes
US-09-752-983-62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: Linear; ANTI-SENSE: Yes US-09-752-983-63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
Matches 20; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-752-983-63/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
                                                                APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISBNSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 65, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
ITILE OF INVENTION: EXPRESSION
ITILE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                            ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION: OATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: cUnknown>
APPLICATION NUMBER: 09/280, 805
FILING DATE: cUnknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Masseey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
; Sequence 64, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              304 GCAGGCAAATGTGCAATACC 323
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 GCAGGCAAATGTGCAATACC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 6
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A. ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-752-983-65/c
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Pred. No. 8.88+02;
Pred. ---rothes 0; Indels
                                                                                                                                                                                                Length 20;
                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: NO
COUNTRY: NO
ZIP: 08053
ZIP: 08053
COMPUTER READALE FORM:
MEDITOR TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: US/09/752,983
FILING DATE: US/09/752,983
FILING DATE: COMPUTER: US/09/752,983
FILING DATE: CONMOMEN: US/09/752,983
FILING DATE: CONMOMEN: US/280,805
FILING DATE: CONMOMEN: SOFTWARE
REPERRENTE CONTENT NORMATION:
NAME: Licata, Jane Massey
REFERENCE CONTENT NUMBER: 126PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                Query Match 0.8%; Score 20; DB 1; L. Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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US-09-752-983-68/c
; Sequence 68, Application US/09752983
                                                                                                                                                                                                                                                                                                                306 AGGCAAATGTGCAATACCAA 325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 67, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 307 GGCAAATGTGCAATACCAAC 326
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SEQUENCE CHARACTERISTICS:
"ENGTH: 20 base pairs
20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                       TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-67
                                                                                    Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JS-09-752-983-67/c
                                                                                    ; TOPOLOGY:
; ANTI-SENSE:
US-09-752-983-66
LENGTH:
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: APPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CONTY: Mailton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 08653
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM FORD
COMPUTER: INCH SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-dan-2001
CLASSIFICATION:
                                                                                                                    FILING DATE: U.Z.ULL.
CLASSIFICATION:
PRIOR APPLICATION
PRIOR APPLICATION
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Licat Jane Massey
REGISTRATION NUMBER: 12FBH-0346
FERENCE/DOCKET NUMBER: ISPH-0346
FELEPAX: 609-810-1515
FERENCE CHARACTERISTICS:
LENGTH: 20 base pairs
FIPE: Nucleic Acid
STRANDEDNESS: Single
FTOPOLOGY: Linear
                    OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  305 CAGGCAAATGTGCAATACCA 324
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 CAGGCAAATGTGCAATACCA 1
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REGISTRATION NUMBER: 32,257
REBERENCE/DOCKET UNBER: 158
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     U.S.A.
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US-09-752-983-66/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: NJ
COUNTRY:
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Query Match 0.8
Best Local Similarity 100.
Matches 20; Conservative
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         CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: Linear
                                           FILING DATE: 0;
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                           ; ANTI-SENSE: Yes
US-09-752-983-69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 303
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Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                        STATE:
COUNTRY: U.S.A.
COUNTRY: U.S.A.
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
TANGETTER: IBM PC
TANGETTER: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
                                                                                                                                                                                                                                                                                      COMPUTER: 1BM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: 010-Jan-2001
CLASSIFICATION:
APPLICATION NUMBER: 09/280,805
FILING DATE: 010-Jan Massey
REGISTRATION NUMBER: 32,257
REPERENCE/DOCKET NUMBER: 1SPH-0346
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 059-810-1515
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          308 GCAAATGTGCAATACCAACA 327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GCAAATGTGCAATACCAACA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: Linear
                                                                                                                                                                                    CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; ANTI-SENSE:
US-09-752-983-68
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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TELINO DATE: 02-4a=2001

TILINO DATE: 02-4a=2001

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TELINO DATE: 02-4a=2001

TOPICACY: 1.inear

TOPICA
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LENGTH: 20 base pairs
TYPE: Nucleic Acid
                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: STRANDEDNESS: Sing TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                       IBM PC
                                                                                                                                                                                                   COUNTRY: U.S.A.
                                                                                                                                                    CITY: Mariton
STATE: NJ
                                                                                                                                                                                                                        ZIP: 08053
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                                                                                                                                    ö
                                                                                                                                                                                                                                                                                                                  Sequence 71, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
NUMBER OF ENVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CONTY: Mailton
                                                                                          Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER 1003
COMPUTER TRADABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: LIBM PC
OPERATING SYGTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-48n-2001
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWATION:
NAME: Licata, Jane Massey
RESTERNICADOR NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1297
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 305
US-09-752-983-72/c
US-09-752-983-72/c
; Sequenco 72, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
                                                                                   Score 20; DB 1; Le;
Pred. No. 8.8e+02;
                                                                                   Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                           310 AAATGTGCAATACCAACATG 329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         311 AATGTGCAATACCAACATGT 330
                                                                                                                                                                                                                   20 AAATGTGCAATACCAACATG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 AATGTGCAATACCAACATGT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 7
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                                                                         US-09-752-983-71/C
; TOPOLOGY:
; ANTI-SENSE:
US-09-752-983-70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , ANTI-SENSE:
US-09-752-983-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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## APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia

## TITLE OF INVENTION: BRETE P. Monia

## TITLE OF INVENTION: EXPRESSION

## NUMBER OF SEQUENCES: 271

## CORRESPONDENCE ADDRESS:

## ADDRESSEE: Law Offices of Jane Massey Licata

## STREET: 66 East Main Street

## CITY: Mailton

## STREET: NJ

## COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 20;
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271 CORRESPONDENCE ADDRESS: ADDRESSEE: Law Off:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER TO SEASON COMPUTER TO STORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IDEM PC
COMPUTER: MINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
RPELICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 20; DB 1; L
100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPOTER: LEM PC
COMPACTE: LEM PC
COMPACTION DATE:
CURRENT APPLICATION DATE:
APPLICATION DATE:
APPLICATION DATE:
APPLICATION DATE:
CLASSIFICATION DATE:
FILING DATE: 02-Jan-2001
CLASSIFICATION DATE:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWAN:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWAN:
APPLICATION NUMBER: 09/280,805
FILING DATE: AURICAN:
APPLICATION NUMBER: 12.257
REFERENCE/DOCKET NUMBER: 12.457
RECEIRENCE/DOCKET NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
SEQUENCE CHARACTERISTICS:
SEQUENCE CHARACTERISTICS:
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TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.8'
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RY: U.S.A.
08053
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Sequence 74, Application US/09752983
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Ouery Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CUMPLER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC
OMPUTER: IBM PC
OMPUTER: IBM PC
OMPUTER: IBM PC
OMPUTER: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U$/09/752,983
FILING DATE: 02-Jan-2001
CIASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: U$/280,805
FILING DATE: clarknown>
ATORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGISTRATION FORMATION:
TELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 74:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPEN: Nucleic Acid
TYPEN: Nucleic Acid
TYPEN: Nucleic Acid
TYPEN: Nucleic Acid
TOPOLOGY: Linear
                                                                                                                                                                                                                                  ISPH-0346
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: -UNKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 1SPH-034
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  313 TGTGCAATACCAACATGTCT 332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 TGTGCAATACCAACATGTCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-73
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 307
US-09-752-983-74/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ANTI-SENSE:
US-09-752-983-74
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Gaps

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Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2;
CORRESPONDENCES: 271
CORRESPONDENCES: 271
CORRESPONDENCES: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                              0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC:
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
RPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
                                                                                                        ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           351 GTAACCACCTCACAGATTCC 370
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 125PH-
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1454
INFORMATION: FOR SEQ ID NO: 77:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDENESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20 GTAACCACCTCACAGATTCC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 100.0
Matches 20; Conservative
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                                                                                                                                                                                                                                                                                                                  Linear
Yes
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 311
US-09-752-983-78/c
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ANTI-SENSE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE: N. COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                US-09-752-983-77
                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
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US-09-752-983-77/c
i Sequence 77, Application US/09752983
i GENERAL INFORMATION:
i APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
ITILE OF INVENTION: EXPRESSION
ITILE OF INVENTION: EXPRESSION
INUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mariton
STATE: NJ
COUNTRY: U.S.A.
IZIP: 00053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: WORDPERFERT 6.0
COMPUTER: WORDPERFERT 6.0
COMPUTER: WORDPERFERT 6.0
COMPUTER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
PRIOR APPLICATION NUMBER: 09/280,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
  NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                        COMPUTER: IBM PC
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WONDERFRECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: 4.Dhrhown-
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 1SPH-0346
FELEPHONE: 609-810-1515
TELEPHONE: 609-810-155
INFORMATION FOR SEQ 1D NO: 76:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Dase pairs
LYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     334 TACCIACIGATGGTGCTGTA 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 TACCTACTGATGGTGCTGTA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY: Linear; ANTI-SENSE: YES US-09-752-983-76
                                                                                                                       STATE: NJ
COUNTRY: U.S.A.
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66 East Main Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Linear
                                                 U.S.A.
                    Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-752-983-81/c
                                                                   08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY:
; ANTI-SENSE:
US-09-752-983-80
                                   STATE: N. COUNTRY:
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   Gaps
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                                                                                                       RESULT 313
US-09-752-983-80/c
is Sequence 80, Application US/09752983
is Patent No. US20010016575A1
is GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
itTLE OF INVENTION: BXPRESSION
itTLE OF INVENTION: EXPRESSION
in NUMBER OF SEQUENCES: 271
ic CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFCATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURKNOWN:
APPLICATION NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                361 CACAGATTCCAGCTTCGGAA 380
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        372 GCTTCGGAACAAGAGACCCT 391
                                                 20 CACAGATICCAGCITCGGAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GCTTCGGAACAAGAGACCCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
NATI-SENSE: Yes
US-09-752-983-79
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Matches
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 81, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCES 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: NJ
COUNTRY: U.S.A.
ZIP: 006053
COMPUTER READABLE FORM:
MEDIUM TYPE: DIEKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                              APPLICATION:
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 32,257
RETEROWNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
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Linear
Yes
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                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U
ZIP: 08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ANTI-SENSE:
US-09-752-983-83
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0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 82, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT:
GTAHAM, Brett P. Monia
TILLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDEREETE 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                             ISPH-0346
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CUNKNOWN>
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
                                                                                                                                                                                                                                                                                                                                                                   392 GGTTAGACCAAAGCCATTGC 411
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH:
TELECOMUNICATION INFORMATION:
TELEPRONE: 609-810-1515
TELEPRONE: 609-810-1515
TELEFAX: 609-810-1454
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
TOPOLOGY: Linear
US-09-752-983-81
                                                                                                                                                                                                                                                                                                                                                                                                       20 GGTTAGACCAAAGCCATTGC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SE
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 82;
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                Query Match 0.8%;
Best Local Similarity 100.0%
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Linear
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-752-983-82/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ANTI-SENSE:
US-09-752-983-82
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
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BROWN 318

BROWN 318

BREAL INFORMATION:

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BERREAL INFORMATION:

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BREAL INFORMATION:

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Gaps

403 AGCCATTGCTTTTGAAGTTA 422

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Gaps
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                                                                                                                                                                                                                                                                 Query Match

0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 86, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Breet P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTEY: UU S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYBE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: US-03n-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION TOWERE: CURROWN:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Prec. ...
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                                                                                                                                                                                                                                                                                                                                                                                                         20 TATCTTGGCCAGTATTAT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 ATATTATGACTAAACGATTA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SE
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                      TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 8
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
       609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-752-983-86/c
       TELEPHONE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ANTI-SENSE:
US-09-752-983-86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       " Matches
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| Sequence 85, Application US/09752983
| Sequence 86, Application US/09752983
| Sequence 86, Application US/09752983
| Sequence 86, Application US/09752983
| APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
| TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271
| CORRESPONDENCE ADDRESS: ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
| STREET: 66 East Main Street
| CORRESPONDENCE ADDRESS: CONTRY: Narlton STREET: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
              COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERPECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNDRER: 09/280,805
FILING DATE: cubinown.
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                            ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                            CLASSIPCATION:
CLASSIPCATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-03*
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   450 ACTTATACTATGAAAGAGGT 469
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 84:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 ACTTATACTATGAAGAGGT 1
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US-09-752-983-84
U.S.A.
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COUNTRY:
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US-09-752-983-89/c

| Sequence 89, Application US/09752983 |
| Sequence 89, Application US/09752983 |
| Patent No. US20101016575A1 |
| Patent No. US20101016575A1 |
| APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia |
| TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 |
| TITLE OF INVENTION: EXPRESSION |
| CORRESPONDENCE ADDRESS: 271 |
| CORRESPONDENCE ADDRESS: |
| CORRESPONDENCE ADDRESS: |
| STREET: 66 East Main Street |
| CITY: Marlton |
| STATE: Warlton |
| COUNTRY: U.S.A. |
| ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 20; DB 1; Length zv;
Pred. No. 8.88+02;
.....rarches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION UNBER: 09/280,805
FILING DATE: <UNKNOWN:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: 
APPLICATION NUMBER: 09/280,805
FILING DATE: 
APPLICATION NUMBER: 33,280,805
FILING DATE: ANKNOWNING NUMBER: JASSIFICATION:
NAME: Liceata, Jane Massey
REGISTRATION NUMBER: 33,257
DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
                                  COMPUTER: LEGY
COMPUTER: LEGY
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CUNKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: CUNKNOWN:
ATTORNEY,AGENT INPORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/POCKET NUMBER: 1SPH-0346
TELECHONE: 609-810-1515
TELECHONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 88:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ISPH-0346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20 ACGATTATATGATGAGAGC 1
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TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 609-810-1454
                     COMPUTER: IBM PC OPERATING SYSTEM:
MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-752-983-88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 322
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Sequence 88, Application US/09752983

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata
                                                             Sequence 87, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
GENERAL LOYER J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: NJ

COMPUTER READABLE FORM:
MEDIUT 17PE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: LIBM PC
COMPUTER: WINDOWS 95
SOFTWARE: WORDERFEET 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: -UNKnown-
APPLICATION NUMBER: 09/280, 805
FILING DATE: -UNKNOWN-
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
REFERRENCE/DOCKET NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                         STREE: Main Street GITT: Mariton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton STATE: NJ COUNTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Pred. ...
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.8
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 08053
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  U.S.A.
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US-09-752-983-87
                                        US-09-752-983-87/c
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TELEPHONE: bus-card TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 91
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 100. Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: Linear
HANTI-SENSE: Yes
US-09-752-983-91
                                                                                                                                                                                                                                        CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 325
US-09-752-983-92/c
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                                                                                                                                                                          Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                  0; Indels
                                                                                                                                                                                                                                                                                                                                                                               Sequence 90, Application US/09752983
Sequence 90, Application US/09752983
Sequence 90, Application US/09752983
Sequence 90, Sequence 90, Application US/09752983
SENERAL INFORMATION: APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                      Query Match
0.8%; Score 20; DB 1; Le Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNMBER: 09/280,805
FILING DATE: <UNKNOWN-
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERNICE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                          515 TGAGAAGCAACATATTG 534
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        525 CAACATATTGTATATTGTTC 544
                                                                                                                                                                                                                                                                                  20 TGAGAAGCAACAACATATTG 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 90: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid
                   i LENGTH: 20 base pairs
rYPE: Nucleic Acid
rSTRANDEDNESS: Single
ry TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-89
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 324
US-09-752-983-91/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            08053
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COUNTRY: U
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Gaps
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Sequence 92, Application US/09752983

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSE: Law Offices of Jane Massey Licata

STREET: 66 Bast Main Street

CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; ive 0; Mismatches 0; Indels
Sequence 91, Application US/09752983

Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDER ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                               STATE: NU
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FTI.ING DATE: ... 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Mariton
STRATE: NJ
COUNTR: U.S.A.
ZIP. 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               531 ATTGTATATTGTTCAAATGA 550
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISE
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
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559 GAGATITGITTGGCGTGCCA 578
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                               STRANDEDNESS: Single
                                                                                                Linear
Yes
                                                                                        ; TOPOLOGY:
; ANTI-SENSE:
US-09-752-983-93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ANTI-SENSE:
US-09-752-983-94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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iS-09-722-983-93/c
iS-09-722-08-93/c
i
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM FOR WINDOWS 95
COMPUTER: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Uan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Licata, Jane Massey
REGISTATION NUMBER: 32.257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPKX: 609-810-1454
INFORMATION FOR SEQ ID NO: 93:
SEQUENCE CHARACTER/STICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: cluknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
RELEPHONE: 609-810-1515
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUBBER: 09/280,805
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
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/ ANTI-SENSE: Yes
US-09-752-983-92
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                                                                                            KESULT 327

US-09-752-983-94/c

is Sequence 94, Application US/09752983

patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCE: 271

CORRESPONDENCE ADDRESS:

ADDRESSE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

CCUNTRY: U.S. B

ZIP
    Length 20;
                                                  Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING DATE: CURROWN-
FILING DATE: CURROWN-
APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWN-
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKT NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
    DB 1; Le 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Pred. nv.
Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
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US-09-752-983-95/c
, Sequence 95, Application US/09752983
, Patent No. US20010016575A1
, GENERAL INFORMATION:
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US-09-752-983-97/c

US-09-752-983-97/c

US-09-752-983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Craham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STATE: NJ

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER: BABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: BABLE FORM:

MEDIUM TYPE: DISKETTE, 6.0

COMPUTER: US-09-752,983

FILING DATE: O2-Jan-2001

CLASSIFICATION UNMBER: US/09/752,983

FILING DATE: COMPONER: COMPUTER: CLASSIFICATION DATA:

APPLICATION UNMBER: US/09/752,983

FILING DATE: CHANOMINON:

RINGR APPLICATION UNMBER: 09/280,805

FILING DATE: CHANOMINON:

APPLICATION UNMBER: O9/280,805

FILING DATE: CHANOMINON:

ATTORNEY/AGENT INFORMATION:

PRACTORNEY/AGENT INFORMATION:
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                                          PRIOR APPLICATION:
APPLICATION DATA
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        575 GCCAAGCTTCTCTGTGAAAG 594
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 GCCAAGCTTCTCTGTGAAAG 1
                   02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0
Marches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     , ANTI-SENSE:
US-09-752-983-96
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Sequence 96, Application US/09752983

Fatent No. US2010016575A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: 1BM PC
COMPUTER: 1BM PC
COMPUTER: WORDPERFECT 6.0
OPERATING SYSTEM: WINDOWS 95
COPTWARE: WORDPERFECT 6.0
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: LBM FC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U$/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
WANNEY TAGENT THE TAGENT TAGENT
                                                                                                                                                                                                                            E: Law Offices of Jane Massey Licata
66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INPORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 95:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                566 GTTTGGCGTGCCAAGCTTCT 585
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                                                                                                                                                                                                                                                                                              Marlton
                                                                                                                                                                                                                        ADDRESSEE:
                                                                                                                                                                                                                                                                                                                                STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; ANTI-SENSE:
US-09-752-983-95
                                                                                                                                                                                                                                                               STREET:
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PRIOR APPLICATION DATA:
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1) Sequence 98, Application US/09752983

2) Fatent No. US20010016575A1

3) GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

1TILE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

1TILE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Mailton
                                             Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTY:

ZIP: 08053
COMPUTER READABLE FORM:
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ISPH-0346
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FILING DATE: 02-Jan-2001
CLASSIFICATION.
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown-
ATTORNEY AGENT INFORMATION:
NAME: 1icata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-03
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1515
TELEFAX: 609-810-1515
TELEFAX: 609-810-1515
TELEFAX: 609-810-1515
TELEFAX: 609-810-1515
TELEFAX: 609-810-1515
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                            587 TGTGAAAGAGCACAGGAAAA 606
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      593 AGAGCACAGGAAAATATATA 612
                                                                                                                                                                           20 TGTGAAAGAGCACAGGAAAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                U.S.A.
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US-09-752-983-99/c
US-09-752-983-97
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i Sequence 100, Application US/09752983

i Patent No. US20010016575A1

i GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law. Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STREET: Nather
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match

0.8%; Score 20; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
               NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                       MEDION TYPE: DISKETIE, 3.5 INCH, 1.44
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: AURHOWN:
ATTONNEY,AGENT INPORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INPORMATION:
TELECHONE: 609-810-11515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               600 AGGAAATATATACCATGAT 619
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20 AGGAAATATATACCATGAT 1
EXPRESSION
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OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 5
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: Linear; ANTI-SENSE: Yes US-09-752-983-99
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            U.S.A.
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ZIP: 08053
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Gaps

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Indels

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Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WONDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIPICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: UNKNOWN:
ATTORNEY GENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                    619 TCTACAGGAACTTGGTAGTA 638
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               634 TAGTAGTCAATCAGCAGGAA 653
                                                                                              20 TCTACAGGAACTTGGTAGTA 1
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANTI-SENSE: Yes
US-09-752-983-102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 336
US-09-752-983-103/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 101, Application US/09752983
Sequence 101, Application US/09752983
GENERAL INFORMATION:
APPLICANT: Coren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREST: 66 Bast Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:

COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM FOR WINDOWS 95

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/752,983

FILING DATE: 02-Jan-2001
                                                           NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPAS: 609-810-1454
INFORMATION FOR SEQ ID NO: 100: SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
LENGTH: 20 base pairs
TYPE: Nucleic Acid
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKnown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      609 TATACCATGATCTACAGGAA 628
APPLICATION NUMBER: 09/280,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ 10 101:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDMESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 TATACCATGATCTACAGGAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION: TELEPHONE: 609-810-1515
                     FILING DATE: <Unknown> ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-752-983-101/c
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US-09-752-983-101
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0.8%; Score 20; DB 1; Length 20;

Query Match

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RESULT 335
US-09-752-983-102/C
; Sequence 102, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
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; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                       ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match

Dest Local Similarity 100.0%; Fred. No. 8.8

Best Local Similarity 0, Mismatches
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Gaps

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Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 105, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DIRKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 20; DB 1; Lo
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton
   NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:

TELEPONE: 609-810-1515

TELEPAX: 609-810-1515

TELEPAX: 609-810-1515

TELEPAX: 609-810-1515

INFORMATION FOR SEQ ID NO: 104: SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TYPE: TAPE: Linear

ANTI-SENSE: Yes

US-09-752-983-104
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: -UNKNOWN->
ATTORNEY/AGENT INPORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERRECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            656 ATCGGACTCAGGTACATCTG 675
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INFORMATION FOR SEQ ID NO: 105:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20 Arcesacrcaseracarcre 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-752-983-105/c
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Fatent No. US20010016575A1

GENERAL INCORMATION:

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Mariton

STATE: NJ

COUNTRY: U.S.A.

ZIP: OR053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: MANDOWS 95

SOFTWARE: WORDERFECT 6.0

CURRENT APPLICATION DATE:

STATE: NJ

COMPUTER: US.A.

STATE: US.A.

STATE
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                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IEDM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CIASSIFICATION:
PRIOR APPLICATION NUMBER: 09/280,805
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 32,257
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
RGGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
INFORMATION FOR EGQ ID NO: 103:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TYPE: Nucleic Acid
STRANDEDNESS: Xes
US-09-752-983-103
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                646 AGCAGGAATCATCGGACTCA 665
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                                                                                                                                    COUNTRY:
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Length 20;
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CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata STREET: Ge East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY.

ZIP: 08053

COMPUTER READDBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: US/09/752,983
ATTORNEY/AGENT INFORMATION:
                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 20; DB 1; L. Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ch 0.8%; Score 20; DB 1 Similarity 100.0%; Pred. No. 8.6 20; Conservative 0; Mismatches
                                                                                                                                                                                                                   SOFTWARE: WORDDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/75,983
FILING DATE: 02-5an-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION TOWNER: 09/280,805
FILING DATE: UNKNOWN:
ATORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 108, Application US/09752983; Patent No. US20010016575A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20 Grcaccrrdaaggraggr 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 10
SEQUENCE CHARACTERRESTICS:
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                        U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-752-983-108/c
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                                                                                                                                                                                                            Sequence 106, Application US/09752983

Patent No. US2010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 107, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUPLY...
COMPUTER READBALE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM PC
COMPUTER: IBM PC
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 03-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
APPLICATION NUMBER: US/09/805
FILING DATE: cUnknown-
ATTCRNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32.257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INF
669 ACATCTGTGAGTGAGACAG 688
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                                    20 ACATCTGTGAGTGAGAACAG 1
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Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Marlton
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US-09-752-983-107/c
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Gaps ; 0

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CITY: Marlton
STATE: NJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 109, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Breet P. Monia
TITLE OF INVENTION: EXPERSSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                          Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC OPERATING SYSTEM: WINDOWS 95 SOFTWARE: WORDPERRECT 6.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/752,983 FILING DATE: 02-Jan-2001 CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: -CURROWAN-
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-03-
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                         704 TGGGAGTGATCAAAAGGACC 723
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         718 AGGACCTTGTACAAGAGCTT 737
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 108:
SEQUENCE CHARACTERIZITICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 AGGACCTTGTACAAGAGCTT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 109:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                   20 TGGGAGTGATCAAAAGGACC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 08053
COMPUTER REDABLE FORM:
MEDIUM TYPE: DISPER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
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; ANTI-SENSE: Yes
US-09-752-983-109
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Matches 20; Conserva
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Gaps ö US-09-752-983-110/c

Sequence 110, Application US/09752983

Fatent No. US20010016575A1

FAPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street Length 20; Indels Sequence 111, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS: COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE Score 20; DB 1; L Pred. No. 8.8e+02; ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton COUNTRY: U.S.A. Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWNATTORNEY/AGENT INFORMATION: ISPH-0346 727 TACAAGAGCTTCAGGAAGAG 746 20 TACAAGAGCTTCAGGAAGAG 1 NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISF
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPAX: 609-810-1545 INFORMATION FOR SEQ ID NO: 110: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single COMPUTER: IBM PC TOPOLOGY: Linear ANTI-SENSE: Yes COUNTRY: U.S.A. ZIP: 08053

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Gaps
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                                                                                                                                                                                                                                                                                                                                                   Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING DATE: CURLOWN-
APPLICATION NUMBER: 09/280,805
RIGGISTRATION NUMBER: 32,257
REGERRALION NUMBER: 32,257
REFERENCE/DOCKT NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEBCOMMUNICATION INFORMATION:
TELEBCOMMUNICATION INFORMATION:
TELEBCOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 20; DB 1; Le Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-752-983-113/c

; Sequence 113, Application US/09752983

; Patent No. US20010016575A1

; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         761 ACATTTGGTTTCTAGACCAT 780
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INPORMATION FOR SEQ ID NO: 113:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
                      112:
                                                SEQUENCE CHARACTERISTICS:
I LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
AMTI-SENSE: Yes
US-09-752-983-112
                  INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STRANDEDNESS: Single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
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; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Graham, Brett P. Monia
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
CORRESPONDENCE ADDRESS:
; STREET: 67 EAST MAIN STREET
; CORRESPONDENCE ADDRESS:
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; CORRESPONDENCE ADDRESS:
; CORRESPONDE
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100.0%; Pred. No. 8.8e+02;
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
PRIOR APPLICATION: DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION TOWBER: 09/280,805
FILING DATE: cURKNOWN>
ATTORNEY/AGENT INFORMATION:
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
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APPLICATION NUMBER: 09/280,805
FILIND DATE: CURNON:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ISPH-0346
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NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: 1SPH-
TELECOMMUNICATION INFORMATION:
TELEPAK: 609-810-1555
INFORMATION FOR SEQ ID NO: 111:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Dasse pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 GGAAGAGAACCTTCATCTT 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-111
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ZIP: 08053
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APPLICANT: LOTEN J. Miraglia, Pamela Nero, Mark J. APPLICANT: LOTEN J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTIGENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271 CORRESPONDENCE ADDRESS: ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 08053
ZIP: 08053
ZOMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.8%; Score 20; DB 1; Le Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRANCE/DOCKET UNMBER: ISPH-0346
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
       SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 116, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                              HTURNEI AGENIA INFORMATION

MAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-

TELECOMMUICATION INFORMATION:

TELEPHONE: 609-810-1515

TELEPHONE: 609-810-1515

TELEPHONE: 609-810-1515

TELEPHONE: COPARATICS:

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

ANTI-SENSE: Yes

US-09-752-983-115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    787 CATCTAGAAGGAGGAATT 806
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INFORMATION FOR SEQ ID NO: 116:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U.S.A.
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Sequence 114, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loraham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2:
TITLE OF INVENTION: 277RESSION
NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CONTY: Mailton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 348

US-09-752-983-115/c
; Sequence 115, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
INVIDER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READMALE FORM:

COMPUTER: IBM PC
OPERATING SYSTEM:

COMPUTER: IBM PC
OPERATING SYSTEM:

COMPUTER: IBM PC
CLASSIFICATION INTERE: US/09/752,983
FILING DATE: O2-Jan-2001
CLASSIFICATION INTERE: US/09/752,983
FILING DATE: CURKNOWN>
APPLICATION DATA:
APPLICATION DATA: ABREW
FILING DATE: CURKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/OPC/CET NUMBER: 31,257
RELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 114:
SEQUENCE CHARATERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     774 AGACCATCTACCTCATCTAG 793
                                                                                                                                                                                                                                                                                                                  STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20; Conservative
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Best Local Similarity
Matches 20; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TOPOLOGY: Linear; ANTI-SENSE: Yes US-09-752-983-114
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NJ
W. U.S.A.
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Length 20;

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U.S.A.
          GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-09-752-983-119/c
                                                                                                                                                                                                                      COUNTRY:
                                                                                                                                                                                                      STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 352
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100.0%; Pred. No. 8.8e+02;
ive 0; Mismatches 0; Indels
                                                                                                                  0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                              Sequence 117, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
INUMER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZUP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-0an-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 04-0an-2001
PRIOR APPLICATION NUMBER: US/09/752,983
FILING DATE: 40ARNOWN>
PULLING DATE: 40ARNOWN>
TELEPERPORT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 13,257
REFERRACE/DOCKET NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NULLEIC Acid
STRANBEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 100.0%; Pred. No. ...
Marches 20; Conservative 0; Mismatches
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US-09-752-983-118/c
Sequence 118, Application US/09752983
Parent No. US20010016575A1
                                                                                                                                                                                              798 AGAGCAATTAGTGAGACAGA 817
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                                                                                                                Query Match 0.8%
Best Local Similarity 100.0
Matches 20; Conservative
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-116
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: Linear
TI-SENSE: Yes
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APPLICANT: LORGEN, MILTOGIA, Banels NETO, MARK J.
APPLICANT: GRAHAM, BTEAL P. Monia
TITLE OF INVENTION: APTISESSON
MUMBERS OF SEQUENCES:
TOWNSERSONEMER JADISES:
TOWNSERSONEME
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Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: WORDPERPECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIPICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                         844 AACGACAAAGAAAACGCCAC 863
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            857 ACGCCACAAATCTGATAGTA 876
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                                                                                                                                                                                                               20 AACGACAAAGAAAAGGCCAC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 121:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                   Best Local Similarity
Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                           US-09-752-983-121/c
         ; ANTI-SENSE:
US-09-752-983-120
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US-09-752-983-121
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: N.C.
                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 355
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Mailon

STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.

ZIP: 08053
COMPTER READALE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
CORPUTER: IEM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERPECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
FRIOK APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN->
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN->
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
FILENGMANICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1651
TELEPHONE: SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPR: NUCLEIC Acid
TYPANDENDES: Single
                                                              PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/280,805
FILING DATE: CURKNOM:

ATTORNEY/AGENT INFORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: 32,257

REPRENCE/DOCKET NUMBER: 1SPH-0346

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:

TELETAX: 609-810-115

TELETAX: 609-810-115

TELETAX: 609-810-115

TELETAX: 20 base pairs

LENGTH: 20 base pairs

TYPE: Nucleic Acid

STRANDEDNESS: Single

TYPE: Linear

ANTI-SENSE: Yes

US-09-752-983-119
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  833 ATTAICTGGTGAACGACAAA 852
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US-09-752-983-120/c
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Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
0.8%; Score 20; DB 1; Length 20; ilarity 100.0%; Pred. No. 8.8e+02; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-09-752-983-122/c

Sequence 122, Application US/09752983

Sequence 122, Application US/09752983

SEQUENCE NO. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.8%; Score 20; DB 1; Len
Pred. No. 8.8e+02;
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US-09-752-983-124/c
; Sequence 124, Application US/09752983
; Sequence 124, Application US/09752983
; Patent No. US2010016575A1
; Patent No. US2010016575A1
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: NJ.
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWAN-
ATTORNEY/AGENT INFORMATION:
                              APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN:
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 12,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELEPHONE: 609-810-1515
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
TYPE: Nucleic Acid
TYPE: Nucleic Acid
TYPE: STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    880 CCCTTTCCTTTGATGAAGC 899
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                               ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-123
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US-09-752-983-123/c
; Sequence 123, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
ITILE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
  ANTISENSE MODULATION OF HUMAN MDM2
EXPRESSION
271
                                                                                                                                                                                                                                          ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 4040cmar
APPLICATION NUMBER: 109/280,805
FILING DATE: 4010cmar
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey,
REGERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPAX: 609-810-1515
TELEFAX: 609-810-1555
TELEFAX: 609-810-15454
INFORMATION FOR SEQ ID NO: 122:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Dase pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                       ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton STATE: NJ COUNTRY: U.S.A. ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   E: Law Offices of Jane Massey Licata 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Uan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 TCTGATAGTATTTCCCTTTC 1
TITLE OF INVENTION: EXP
TITLE OF INVENTION: EXP
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          U.S.A.
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CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-752-983-122
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Gaps

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CORRESPONDENCE ADDRESS:
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                                                                                                               COUNTRY:
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                                                  Gaps
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Fatent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: APPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:

ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mailton
STATE: NJ
COUNTRY: U.S.A.
  0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 20;
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APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF SEQUENCES: 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: - UNKNOWN:
ATTORNEY/AGENT INPORMATION:
NAME: Licata, Jane Massey
REGISTATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERERECT 6.0
SOFTWARE: APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 126, Application US/09752983
Patent No. US20010016575A1
                                                                                     895 AAAGCCTGGCTCTGTGTA 914
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                                                                                                           20 AAAGCCTGGCTCTGTGTGTA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 125:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
Query Match 0.8%
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: Linear
                                                                                                                                                                                                                 US-09-752-983-125/c
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US-09-752-983-125
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Gaps
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KESULI 327-983-127/C

Sequence 127, Application US/09752983

Fatent No. US25010016575A1

GENERAL INFORMATION:
FAPPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION:
TITLE OF INVENTION:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
FORDERSPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
FORDERSPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 100.0%; Pred. No. ...
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                SCHWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
PRILING DATE: 02-Jan-2001
CLASSIFICATION:
PRICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: cunknown>
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
RGGISTRATION NUMBER: 32,257
RGGISTRATION NUMBER: 32,257
RGGISTRATION NUMBER: 1SPH-0346
TELECOMMULCATION INFORMATION:
TELECOMMULCATION:
TELEFAX: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 915 ATAAGGGAGATATGTTGTGA 934
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC
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TI-SENSE: Yes
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936 AGAAGCAGTAGCAGTGAATC 955
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELECOMMUNICATION INFORMATION: TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: Linear ANTI-SENSE: Yes US-09-752-983-129
                                                                                                                                                                                                                                                                                                                                                                                                                                   Marlton
                                                                                                                                                             US-09-752-983-129/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-752-983-130/c
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                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                       0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 128, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
ZIP: 08053.

ZOMPUTER READBALE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE COMPUTER: IBM PC WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Uan-2001
                                                                                                                                                                                                                                                                                                                                                    Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
         NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPAX: 609-810-1515
TEMORMATION FOR ENG ID
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUBER:
PILING DATE: - CUNCHOWN:
ATTORNEY/AGENT INFORMATION:
NAME: Licate, Jane Massey,
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECHONICATION INFORMATION:
TELECHONICATION INFORMATION:
TELECHONE: 609-810-1515
TELERHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                               927 TGTTGTGAAAGAAGCAGTAG 946
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20 refrereaagaagcagrag 1
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INFORMATION FOR SEQ ID NO: 128:
SEQUENCE CHARACTERISTICS:
ATTORNEY/AGENT INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDENBESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                 ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-127
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CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-752-983-128/c
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US-09-752-983-128
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Gaps
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Sequence 129, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 130, Application US/09752983
; Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2: TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                         STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DIEKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                        ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER: 1BM PC
OPERATING SYSTEM: WINDOMS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
RPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN.
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                949 GTGAATCTACAGGGACGCCA 968
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                    Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 132, Application US/09752983
Sequence 132, Application US/09752983
Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
ATTORNEY/AGENT INPORMATION:
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100.0%; Pred. No. 8.8e+02;
ive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
      ISPH-0346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    971 GAATCCGGATCTTGATGCTG 990
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REGISTRATION NUMBER: 32,257
REPRENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
                    TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Base pairs
TYPE: Nucleic Acid
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
TOPOLOGY: Linear
US-09-752-983-131
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Best Local Similarity 100.0%; Pr
Matches 20; Conservative 0;
   REFERENCE/DOCKET NUMBER:
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TRANDEDNESS: SITANDEDNESS: SITANDEDNESS: SITANDEDNESS: SITANDEDNESS: TOPOLOGY: Linear ANTI-SENSE: Yes US-09-752-983-132
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US-09-752-983-132/C
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ZIP: 08053
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Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2:
TITLE OF INVENTION: EXPERSSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
COLNTY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READALE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
OPERATING SYSTEM: WORDPREFECT 6.0
COMPUTER: ISM PC
OPERATING SYSTEM: WORDPREFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: OL-Jan-2001
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURKNOWT:
APPLICATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
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                                                                  COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
CURRENT APELICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING DATE: cluknown>
APPLICATION NUMBER: 32,257
FILING DATE: cluknown>
APTICKER APPLICATION INFORMATION:
NAME: Licata, Jane Massey
FILING DATE: cluknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
FILING DATE: cluknown>
FILING DATE: cluknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
FRESERNCE/DOCKET NUMBER: 32,257
FREFERNCE/DOCKET NUMBER: 32,257
FREFERNCE/OCKET NUMBER: 31,257
FREFERNCE/OCKET NUMBER: 31,257
FREFERNCE/OCKET NUMBER: 31,257
FREFERNCE/DOCKET NUMBER: 32,257
FREFERNCE/DOCKET NUMBER: 31,257
FREFERNCE/DOCKET NUMBER: 32,257
FREFERNCE/DOCKET NUMB
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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                                                            U.S.A.
Marlton
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Sequence 135, Application US/09752983
Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: APPLESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; ive 0; Mismatches 0; Indels
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: DISKET 0.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: COMPUTA:
APPLICATION NUMBER: 09/280,805
FILING DATE: COMPUTA:
APPLICATION NUMBER: 09/280,805
RIGHTATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                     GCEVALING SIGLERIC
GCEVERATION STREET
GCEVERATION DATA:
APPLICATION NUMBER: US/09/752,983,
FILING DATE: 02-dan-2001
CLASSIFICATION:
PRIOR APPLICATION:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURTOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURTOWN:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION: INFORMATION:
TELECOMMUNICATION: 1NFORMATION:
TELEPHONE: 609-80-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1006 CAGGTGATTGGTTGGATCAG 1025
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 100. Matches 20; Conservative
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HANTI-SENSE: Yes
US-09-752-983-134
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US-09-752-983-135/c
     08053
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COUNTRY:
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                                                                                                                Sequence 133, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES.
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 134, Application US/09752983
Patent No. US2001001657541
GENERAL INFORMATION:
APPLICANT: Loren (Mark J. APPLICANT: Loren (Mark J. APPLICANT: Carham, Brett P. Monia TITLE OF INVENTION: EXPRESSION (MARK J. APPLICANT: CORRESPONDENCE ADDRESS: 271
CORRESPONDENCE ADDRESS: CORRESPONDENCE ADDRESS: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READBALE FORM:
COMPUTER READBALE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                              ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERRECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: UDKNOWN>
APPLICATION NUMBER: 09/280,805
FILING DATE: UDKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       996 AGTGAACATTCAGGTGATTG 1015
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20 TGATGCTGGTGTAAGTGAAC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                INFORMATION FOR SEQ ID NO: 133: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             609-810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear ANTI-SENSE: Yes US-09-752-983-133
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COUNTRY: U.S.A.
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                                                                                                        US-09-752-983-133/c
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                                                                               RESULT 366
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Gaps

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TOPOLOGY: Linear ANTI-SENSE: Yes
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US-09-752-983-138/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 136, Application US/09752983
| Patent No. US20010016575A1
| GENERAL INFORMATION:
| APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
| TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
| TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
| TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
| CORRESPONDENCES: 271
| CORRESPONDENCE ADDRESS:
| ADDRESSEE: Law Offices of Jane Massey Licata
| STREET: 66 East Main Street
| COUNTRY: U.S.A.
                                                                                                                                                                                                                                 Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1; Length 20;
8.8e+02;
thes 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:

ZIP: 00653
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WOADPEREECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION WHERE: 09/280,805
FILING DATE: «Unknown:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Licara, Jane Massey
REGISTRATION UNUBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPAK: 609-810-1515
TELEPAK: 609-810-1454
INFORMATION FOR SEQ ID NO: 136:
SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDENNESS: Single
                                                                                                                                                                                                                                                                                                                       1017 TIGGATCAGGATICAGTITC 1036
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; TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 1
; SEQUENCE CHARACTERISTICS: ;
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Linear
HANTI-SENSE: Yes
US-09-752-983-136
                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 369
US-09-752-983-136/c
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RESULT 373
US-09-752-983-140/c
; Sequence 140, Application US/09752983
; Patent No. US2001001657541
; GENERAL INPORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ARTISENSE MODULATION OF HUMAN MDM2; TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: Marlton
STREET: US.A
ZIP: A. COUNTER: U.S.A
ZIP: A. COUNTER: U.S.A
                                                                                                                                                                          Ouery Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 0; Mismatches 0; Indels
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Pred. No. 8.8e+02;
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 20; up
Best Local Similarity 100.0%; Pred. No. 8.8
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
PILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: UNKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: Licata Jane Massey
REGISTATION NUMBER: 12:PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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US-09-752-983-141/c
; Sequence 141, Application US/09752983
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INFORMATION FOR SEQ ID NO: 140:
SEQUENCE CHARACTENISTICS:
LENGTH: 20 base pairs
                LENGTH: 20 base pairs
                                     TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                     Linear
Yes
                                                                                                       ; ANTI-SENSE:
US-09-752-983-139
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US-09-752-983-140
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Sequence 139, Application US/09752983

Patent No. US20010016575A1

Patent No. US20010016575A1

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.

STREET: 66 East Main Street
CITY: Mariton
STATE: NU.S.A.
SIATE: 08053
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: NUNDOWS 95
SOFTWARE: WORDPERPECT 6.0
CURRENTING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERPECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                    PRIOR APPLICATION DATA:

APPLICATION UNMBER: 09/280,805

APPLICATION NUMBER: 09/280,805

FILING DATE: «Unknown>
ATTORNEY,AGENT INFORMATION:
NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE FOCKET NUMBER: 1SPH-0346

TELEPHONE: 609-810-1515

TELEPHONE: 609-810-1515

TELEPHONE: 609-810-1515

TELEPHONE: 609-810-1515

SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs

LENGTH: 20 base pairs

TYPE: Nucleic Acid
SOFTWARE: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ISPH-0346
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APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN.
ATTORNEY/AGENT INFORMATION:
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 139: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-138
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RESULT 376
US-09-752-983-143/c
is Sequence 143, Application US/09752983
is GENERAL INFORMATION:
is APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
inverse PROFUNCES: 27;
CORRESPONDENCE ADDRESS:
ADDRESSES: Law Offices of Jane Massey Licata
streET: 66 East Main Street
interpretation
interpret
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
                                     CHARANT AFFILCATION DATA:

APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
PRIOR APPLICATION NATA:
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: Ubrknown:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISCHATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15FH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAX: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 142:
SEQUENCE CHARACTER.ESTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDENESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: -UNROWN:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMUNICATION INFORMATION:
TELECOMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1077 TCAGAAGATTATAGCCTTAG 1096
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INPORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             U.S.A.
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COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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18-504-752-983-142/c

18-69-752-983

19-68-752-983

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: NJ
COUNTRY: U.S.A.

ZIP: 0.05.3

ZIP: 0.05.3

COMPUTER READABLE FORM:
MENTUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: OFFER: WINDOWS 95
SOCTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CONFRONTON:
NAME: Licata, Jane Massey
RETERRANGE CANADOMER: 32,257
REFERENCE CANADOMER: NUMBER: 12,77
RETERPONE: 609-810-1515
TELEPAX: 609-810-1515
INPORMATION FOR SEQ ID NO: 141:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
ITYPE: NULLEIC Acid
STRANDEDNESS: Single
                                     GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Breet P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1068 TCTCTCGACTCAGAAGATTA 1087
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Patent No. US20010016575A1
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US-09-752-983-141
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U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 08053
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             APPLICANT:
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                                                                                                                                                                 Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 144, Application US/09752983
Patent No. US2001001657541
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STATE: NJ COUNTRY: U.S.A. COUNTRY: 0.8.A. COMPUTED FOR COUNTRY: 0.8.A. COUNTRY: 0.8.A. COMPUTED FOR COUNTRY: 0.8.A. COMPUTED FOR COUNTRY OF COUNT
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; Sequence 145, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKnown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                          20 ATTATAGCCTTAGTGAAGAA 1
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 144:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-143
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TI-SENSE: Yes
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US-09-752-983-144
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TITLE OF INVESTION: WITESENSE MONULATION OF HUMAN MONE TITLE OF INVESTION: WITESENSE MONULATION OF HUMAN MONE TITLE OF INVESTION: WITESENSE TO SERVENSES SERVENSE
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TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
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                                                                                                                                                                                                                                                         JS-09-752-983-148/C
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100.0%; Pred. No. 8.8e+02;
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Patent No. US20010016575A1
Patent No. US20010016575A1
PAPPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 9.8 Matches 20; Conservative 0; Mismatches
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
FILING DATE: «Unknown»
ATTORNEY, AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1515
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pare
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
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APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 609-810-1454
| INFORMATION FOR SEQ ID No. 147:
| SEQUENCE CHARACTERISTICS:
| LENGTH: 20 base pairs
| TYPE: Nucleic Acid
| STRANDEDNESS: Single
| TOPOLOGY: Linear
| ANTI-SENSE: Yes
| US-09-752-983-147
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION: TELECOMMUNICATION: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-752-983-147/c
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US-09-752-983-146
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     Length 20
                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 382
US-09-752-983-149/c
US-09-752-983-149/c
i Sequence 149, Application US/09752983
j Patent No. US20010016575A1
j GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2;
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mailton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.8%; Score 20; DB 1; Le 100.0%; Pred. No. 8.8e+02;
     DB 1; L
. 8.8e+02;
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Best Local Similarity 100.0%; Pred. No. ...
Matches 20; Conservative 0; Mismatches
Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: UNKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: UNKNOWN:
APPLICATION NUMBER: 1257
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                          Sequence 148, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                         1115 CTCAGATGAAGATGATGAGG 1134
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1124 AGATGATGAGGTATATCAAG 1143
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INFORMATION FOR SEQ ID NO: 148:
SEQUENCE CHARACTERISTICS:
FRNGTH: 20 base pairs
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Gaps ö

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Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 151, Application US/09752983
Patent No. US2001016575A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey,
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEFRY: 609-810-1515
TELEFRY: 609-810-1515
TELEFRY: 209-810-1454
INFORMATION FOR SEQ ID NO: 150:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDENNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1149 GTGTATCAGGCAGGGAGAG 1168
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 GTGTATCAGGCAGGGAGAG 1
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INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                           TOPOLOGY: Linear
HANTI-SENSE: Yes
US-09-752-983-150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-752-983-151
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Marlton
         FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-752-983-151/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: NJ
COUNTRY: U.
ZIP: 08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 150, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Loren J. Brett P. Monia
TITLE OF INVENTION: BYRESSION
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCES. 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                CITY: MAIL CANDER CONTROL TO THE CONTROL TO THE CONTROL TO THE COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WRDDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
ANTORNEY/AGENT INFORMATION:
ANTORNEY/AGENT INFORMATION:
ANTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: 1BM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1135 TATATCAAGTTACTGTAT 1154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Licata, Jane Massey
REGISTRATION UNUBER: 32,257
REFRENCE/DOCKET NUMBER: 1SPH-
TELECOMMUNICATION INPORMATION:
TELEPAN: 609-810-1515
INPORMATION FOR SEQ ID NO: 149:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TENTE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 TATATCAAGTTACTGTGTAT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ANTI-SENSE:
US-09-752-983-149
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COUNTRY:
      STREET:
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      Gaps
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                                                                                                                                                                Sequence 152, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Maxlen
      0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 20; DB 1; L
Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8%; Scc.
100.0%; Pred. No. c.
    0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILLING DATE: 02-Jan-2001
                                      1161 GGGAGAGTGATACAGATTC 1180
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-752-983-153/c
Sequence 153, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1170 GATACAGATTCATTTGAAGA 1189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
                                                                          20 GGGGAGAGTGATACAGATTC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20 GATACAGATTCATTTGAAGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 152: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.8
Best Local Similarity 100.
Matches 20; Conservative
20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-152
                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A. ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 02 CLASSIFICATION:
                                                                                                                                                    US-09-752-983-152/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSEE:
Matches
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US-09-752-983-154/c
; Sequence 154, Application US/09752983
; Sequence 154, Application US/09752983
; Batent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: EXPRESSION
; TITLE OF INVENTION: EXPRESSION
; CORRESPONDENCE ADDRESS:
; ADDRESSBE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0: Indels
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                                                                                      ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 1; Le
8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                  CONTOIRER: 1500 PERSON OPERATING SYSTEM: SOFTWARE: WORDDERFECT 6.0 CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING DATE: CURROWN:
APPLICATION NUMBER: 09/280,805
ATTORNEY DATE: CURROWN:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1184 TGAAGAAGATCCTGAAATTT 1203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 TGAAGAAGATCCTGAAATTT 1
66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 153:
SEQUENCE CHARACTER.ESTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                        COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                       U.S.A.
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                         Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Mariton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U
ZIP: 08053
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20 TAGCTGACTATTGGAAATGC 1
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                                                                                                                                                                                                                                                                                    0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
iive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTIONS: EXPRESSION NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ALIONARE LICATA, Jane MASSEY
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1515
INFORMATION FOR SEQ ID NO: 155:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                       ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                     1196 TGAAATTTCCTTAGCTGACT 1215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 155, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
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                                                                            TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 154:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
REGISTRATION NUMBER: 32,257
REPERENCE/DOCKET NUMBER: IS
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
Matches 20; Conservat
                                                                                                                                                                                                      ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-154
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear
TI-SENSE: Yes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: NJ
COUNTRY: U.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , ANTI-SENSE:
US-09-752-983-155
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Gaps
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US-09-752-983-157/c

i Sequence 157, Application US/09752983

i Patent No. US20010016575A1

i GENERAL INFORMATION:

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: BATISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: BATISENSE MODULATION OF HUMAN MDM2

TITLE OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Mailton
                        Sequence 156, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: Marlton
STATE: NJ
COUNTRY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                          NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1220 GAAATGCACTTCATGCAATG 1239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 GAAATGCACTTCATGCAATG 1
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Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: Nucleic Acid
                                                                                                                                                                                                                                                             ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Line; ANTI-SENSE: Yes US-09-752-983-156
RESULT 389
US-09-752-983-156/c
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1207 TAGCTGACTATTGGAAATGC 1226

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Gaps

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Length 20; Indels

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Score 20; DB 1; Le
Pred. No. 8.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: DISKRITE, 3.5 INCH, 1.44
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF $10-1515
TELECOMMUNICATION OF $10-1515
TELEFAX: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-752-983-159/c
; Sequence 159, Application US/09752983
Patent No. US20010016575A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                             1257 CCATCACATTGCAACAGATG 1276
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1268 CAACAGATGTTGGGCCCTTC 1287
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                        TELEFAX: 609-810-1454
; INFORMATION FOR EEQ ID NO: 1
; SEQUENCE CHARACTERISTICS;
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDENESS: Single
; TOPOLGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-158
   609-810-1515
609-810-1454
   TELEPHONE:
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: ANTISENSE ON NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CONTY: MAILTON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: 1EM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                        ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Preα. ...
tive 0; Mismatches
                                                                                                      COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: 40hchown>
APPLICATION NUMBER: 09/280,805
FILING DATE: 40hchown>
ATONNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REFERENCE/DOCKET NUMBER: 32,257
RECISTRATION NUMBER: 32,257
RECISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
INPORMATION FOR SEQ ID NO: 157:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1226 CACTTCATGCAATGAATGA 1245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 CACTTCATGCAATGAATGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-157
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   JS-09-752-983-158/c
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ö Gарв ; 0 APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STREET: 0.5.A.
COUNTRY: U.S.A.
ZIP: 08053 Query Match

0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

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0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
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Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                       CURRENT ARE: WORDERFELD BOUNDERFELD BOUNDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER: DISKETTE, 3.5 INCH, 1.4
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION:
APPLICATION NUMBER: 09/280,805
FILING DATE: AUBCOMPS
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
REEFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1283 CCTTCGTGAGATTGGCTTC 1302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 161: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20 ccrrcercacaarrescrrc 1
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INFORMATION FOR SEQ ID NO: 162:
                                 COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS
SOFTWARE: WORDPERFECT 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Marlton
MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-752-983-162/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-752-983-161
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: APPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CONTY: MAILON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                        Sequence 160, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION:
ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IEM PC
OPPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: Acid to the control of the control of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1275 TGTTGGGCCCTTCGTGAGAA 1294
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN-
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 refredecerregrada 1
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TI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                U.S.A.
                                                                       US-09-752-983-160/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-752-983-161/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: NJ
COUNTRY: U.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , ANTI-SENSE:
US-09-752-983-160
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APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mailton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mailton
                                                                                                                                                                                                                                                                                                                      ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: ISM SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1; Le
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0.8%; Score 20; Db

Best Local Similarity 100.0%; Pred. No. 8.8

Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRICE APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: 010ACMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/POCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1515
Sequence 164, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-752-983-165/c
; Sequence 165, Application US/09752983
Fatent No. US20010016575A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               20 AAAGGGAAAGATAAAGGGGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 164: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER: IBM PC OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                       U.S.A.
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ZIP: 08053
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US-09-752-983-164
                                                                                                                                                                                                                                                                                                     COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               셤
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                                                                                                                                                                               Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 8.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 163, Application US/09752983
Patent No. US2001016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
ITILE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: 0.5.A.

ZIP: 08053
COMPUTER: 0.5.A.

EDBORGER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 0.2-Jan-2001
CLASSIPICATION NUMBER: 09/280,805
FILING DATE: 0.2-Jan-2001
CRESSIPICATION NUMBER: 09/280,805
FILING DATE: 0.0-Jan-2001
FRICH APPLICATION NUMBER: 15PH-0346
FILING DATE: 0.0-Jan-2001
FREEERRYECONCKET NUMBER: 32,257
REFERENCE CONCKET NUMBER: 32,257
REFERENCE CONCKET NUMBER: 15.PH-0346
TELECOMMUNICATION INFORMATION:
TELEPRAN: 609-810-1454
INFORMATION FOR SEQ ID NO: 163:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 20; DB 3
Best Local Similarity 100.0%; Pred. No. 8.80
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                             1292 GAATTGGCTTCCTGAAGATA 1311
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                i LENGTH: 20 base pairs

TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-162
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear
TI-SENSE: Yes
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US-09-752-983-163/c
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US-09-752-983-164/C
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US-09-752-983-163
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Length 20;

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STRANDEDNESS: Single
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Best Local Similarity
                                           ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Marlton
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Squence 165, Application US/09752983
Patent No. US2010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2:
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
COURSPONDENCE ADDRESS:
ADDRESSEE: 66 East Main Street
STREET: 66 East Main Street
STREET: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING DATE: CUBROWN>
ATTORNEY PARTICATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                      ISPH-0346
                              CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                     CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: -cuhrhown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-034
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: AND ASE OF 
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INFORMATION FOR SEQ ID NO: 166:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
WORDPERFECT 6.0
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; ANTI-SENSE: Yes
US-09-752-983-165
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Query Match

0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                     APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: NO.S.A.

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CUNKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: CUNKNOWN:
NAME: Licata, Jane Massey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1; Le
. 8.8e+02;
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100.0%; Pred. No. c.
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECHOWINICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
                                                                                              1333 TCTCTGAGAAAGCCAAACTG 1352
                                                                                                                                                                                                                                US-09-752-983-167/c
; Sequence 167, Application US/09752983
Patent No. US20010016575A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1346 CAAACTGGAAAACTCAACAC 1365
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; Sequence 168, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 108EQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
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; Sequence 170, Application US/09752983
; Sequence 170, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; COTTY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                      CLASSIFICATION
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 169:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDENESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ISPH-0346
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PREJICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15F
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELERAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 170:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
          02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: Linear;
ANTI-SENSE: Yes
US-09-752-983-169
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ANTI-SENSE: Yes
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US-09-752-983-169/c
; Sequence 169, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: GE Bast Main Street
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: 271
CONRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
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                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
SOFTWARE: WORDEREET 6.0
CURSENT ADELICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: -CUAKMONTON:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INPORMATION:
TELEBRONE: 609-810-11515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: No.
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
COFTWARE: WORDPERFECT 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1358 CTCAACACAGCTGAAGAGG 1377
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 168:
SEQUENCE CHARACTER.STICS:
LENGTH 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 CTCAACACAGCTGAAGAGG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-168
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STATE:
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Gaps

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US-09-752-983-173/c
; Sequence 173, Application US/09752983
; Sequence 173, Application US/09752983
; Patent No. US20010016575Al
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, ENEAT P. Monia
; TITLE OF INVENTION: BYPESSION
; UNDER OF EQUENCES:
; CORRESPONDENCE ADDRESS:
; STREET: GE Bast Main Street
; CITY: Marlton
; STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC.
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  U.S.A.
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                                                                     Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 171, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Carbam, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 172, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Mariton
STATE: NJ
COUNTRY: 0.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERRECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURNOWN>
APPLICATION NUMBER: 09/280,805
FILING DATE: CURNOWN>
ATTONNEY, AGENT INFORMATION:
NAME: LICATA, Jane MASSEY
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMICATION INFORMATION:
TELECOMMICATION INFORMATION:
TELECOMMICATION INFORMATION:
TELECOMMICATION INFORMATION:
TELECOMMICATION INFORMATION:
TELECOMMICATION INFORMATION:
TELECOMMICATION:
TELECOM
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                                                                                                                                                                                                                                                                     20 AAAACTATAGTGAATGATTC 1
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INFORMATION FOR SEQ ID NO: 171:
SEQUENCE CHARACTERISTICS:
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TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.
Matches 20; Conservative
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US-09-752-983-172/c
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US-09-752-983-170
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US-09-752-983-171
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Gaps
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                                                                                                                                                 COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READDBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDFREFCT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CUNKNOWN:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 20; DB 1; L
Pred. No. 8.8e+02;
                                                                  E: Law Offices of Jane Massey Licata 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPAX: 609-810-1454
    EXPRESSION
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INFORMATION FOR SEQ ID NO: 172:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TITLE OF INVENTION: EX NUMBER OF SEQUENCES: 2 CORRESPONDENCE ADDRESS: ADDRESSE: Law Office
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: Linear; ANTI-SENSE: Yes US-09-752-983-172
                                                                                                              Marlton
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Gaps

Indels

Pred. No. 8.8e+02;

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Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
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Pred. No. 8.8e+02;
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| Sequence 174, Application US/09752983
| Patent No. US20010016575A1
| GENERAL INFORMATION: APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: 271
| CORRESPONDENCE ADDRESS: 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton STARE: NJ COUNTRY: U.S.A. ZIP: 08052 COUNTRY: ERABABLE FORM: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
            FILING DATE: - CURLOWN-
ATTORNEY/AGENT INFORMATION:
MAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: CAPACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDENESS: Single
TYPE: Nucleic Acid
STRANDENESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIPICATION DATA:
APPLICATION TO ATA:
APPLICATION TO ATA:
APPLICATION TO ATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURLOWN:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1434 GTTGAGGAAAATGATGATAA 1453
APPLICATION NUMBER: 09/280,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           20 GTTGAGGAAAATGATGATAA 1
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TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 5EQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Linear
Yes
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US-09-752-983-174
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0.8%; Score 20; DB 1; Length 20;

Query Match

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0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
                                           Sequence 175, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

ITILE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

ITILE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 176, Application US/09752983

Patent No. US2010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER REALABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: 120 PC
CURRENT APPLICATION DATA:
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-dan-2001
CLASSIFICATION:
APPLICATION NUMBER: 09/280,805
FILING DATE: cURROWN>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1890-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1449 GATAAAATTACACAAGCTTC 1468
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 GATAAAATTACACAAGCTTC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 175:
SEQUENCE CHARACTERISTICS:
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Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                          STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-175
                                                                                                                                                                                                                                                                                                                        CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 409
US-09-752-983-176/c
RESULT 408
US-09-752-983-175/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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Sequence 178, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERPECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U$/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: U$/09/752,983
FILING DATE: 02-Jan-2001
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: -OTHANOM->
APPLICATION NUMBER: 09/280,805
FILING DATE: -OTHANOM->
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
                                                              ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1466 TTCACAATCACAAGAAGTG 1485
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 TTCACAATCACAAGAAAGTG 1
                               REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET UNBER: ISI
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                          TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 5 SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 base pairs
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EDNESS: Single
                                                                                                                                                                                                                                                                                 TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-177
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HANTI-SENSE: Yes
US-09-752-983-178
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 411
US-09-752-983-178/c
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; Sequence 177, Application US/09752983
; Patent No. US20010015575A1
; GENERAL INFORMATION:
    APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
    APPLICANT: Graham, Brett P. Monia
    TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
    TITLE OF INVENTION: EXPRESSION
    NUMBER OF SEQUENCES: 271
    CORRESPONDENCE ADDRESS:
    ADDRESSEE: Law Offices of Jane Massey Licata
    STREET: 66 East Main Street
    STREET: Antion
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM FC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                            SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWN:
APPLICATION NUMBER: 09/280,805
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INPORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 TTACACAAGCTTCACAATCA 1
                                                                                                                                                                                                                             OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 176:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: Linear
HANTI-SENSE: Yes
US-09-752-983-176
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        U.S.A.
                                                                                                     U.S.A.
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US-09-752-983-177/c
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ZIP: 08053
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                                                                                                     COUNTRY:
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Gaps

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Sequence 181, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CONTY: Mailton
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100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                   DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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COMPUTER REALABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Prec. ...
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TELECOMMUNICATION INFORMATION:
TELECHONE: 609-810-1515
TELEFAX: 609-810-151
                                                                                                                                                                                                                 COMPUTER: 1BM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARES

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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1499 GCCATCAACTTCTAGTAGCA 1518
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/26
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                    U.S.A.
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US-09-752-983-181/c
                                                                                           08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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                                                                                                                                                                                                                                       US-09-752-983-179/c
; Sequence 179, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Breet P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESSS:
ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Mailton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 413
US-09-752-983-180/c
; Sequence 180, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY:
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Pred. w..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM PC SYSTEM: WINDOWS 95 SOFTWARE: WONDERFECT 6.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/752,983 FILING DATE: 02-Jan-2001 CLASSIFICATION DATA: APPLICATION DATA: APPLICATION NUMBER: 09/280,805 FILING DATE: CURROWALLON: NAME: Licata, Jane Massey REGISTRATION NUMBER: 32,257 REFRENCE/DOCKET NUMBER: 1SPH-0346 TELECOMMUNICATION: UNFORMATION: TELECOMMUNICATION: TELECOMMUNICATION: UNFORMATION:
1481 AAGTGAAGACTATTCTCAGC 1500
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1489 ACTATTCTCAGCCATCAACT 1508
                                                    20 AAGTGAAGACTATTCTCAGC 1
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INFORMATION FOR SEQ ID NO: 179:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity 100.
Matches 20; Conservative
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TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   , ANTI-SENSE:
US-09-752-983-179
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TELECOMMUNICATION INFORMATION:

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Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 184, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2;
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS: And Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                 Sequence 183, Application US/09752983

Patent No. US2001001657SA1

GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
ITILE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
ITILE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS: 271
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                              ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                             ADDRESSEB: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.8%; Score 20; UB
Best Local Similarity 100.0%; Pred. No. 8.8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                        CUMPULEK: ADM FC.
COPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1522 TTTATAGCAGCCAAGAAGAT 1541
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                              U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Marlton
                                               US-09-752-983-183/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-752-983-184/c
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COUNTRY:
                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20
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0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: LOTEN J. Miraglia, Pamela Nero, Mark J. APPLICANT: Loten J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: EXPRESSION TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSES: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Mariton STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 20; DB 1; Length 20;
Pred. No. 8.8e+02;
Original Operation of Profile Score 10; Indels
                                                                                                                                                                                                                                      Length 20;
                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                      Score 20; DB 1; I
Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.8%; bcc.
100.0%; Pred. No. c.
... 0; Mismatches
                                                                                                                                                                                                                                Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-034
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 182, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                    1506 ACTICTAGIAGCATTATTA 1525
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1517 CATTATTATAGCAGCCAAG 1536
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 181:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                              20 ACTICIAGIAGCATIATIA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 CATTATTATAGCAGCCAAG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 182:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 100.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                               ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-181
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-752-983-182/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               08053
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Sequence 186, Application US/09752983

Retent No. US20010016575A1

GENERAL INPORMATION:

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Mariton

STATE: NJ

CORRESPONDENCE: ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: ATTLENTION

STATE: NJ
                                                                                                                                                                                                                                       ch 0.8%; Score 20; DB 1; Length 20; 1 Similarity 100.0%; Pred. No. 8.8e+02; 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAMB: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/POCKET NUMBER: ISPH-0346
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA.
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                             1541 TGTGAAAGAGTTTGAAAGGG 1560
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1550 GTTTGAAAGGGAAGAAACCC 1569
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; INFORMATION FOR SEQ ID NO: ;
SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; ANTI-SENSE: Yes
US-09-752-983-185
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                               Best Local Similarity
Matches 20; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    U.S.A.
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US-09-752-983-186/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; ANTI-SENSE:
US-09-752-983-186
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY:
                                                                                                                                                                                                                                          Query Match
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Sequence 185, Application US/09752983

Sequence 185, Application US/09752983

Sequence 185, Application US/09752983

Sequence 185, Application US/09752983

SEGUENCE NO. US. APPLICANT: Graham, Breat P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: ANTISENSE

ADDRESSEE: LAW OFFICES

STREET: 66 East Main Street

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE

CONDUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 20; DB 1; Length 20;
Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Indels
                        MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                            FILING DATE: UZ-JABI-ZUUI
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 12,257
REFERENCE/DOCKET NUMBER: 12,PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF SEQ ID NO: 184:
SEQUENCE CHARACTERISTICS:
LENGTH: Cap base pairs
TYPE: Nucleic Acid
STRANDEDNESS: SINGLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION STATE:
APPLICATION NUMBER: 09/280,805
                                           COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERPECT 6.0
SUCHRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1533 CAAGAAGATGTGAAAGAGTT 1552
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20 CAAGAAGATGTGAAAGAGTT 1
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; ANTI-SENSE:
US-09-752-983-184
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0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 189, Application US/09752983
Sequence 189, Application US/09752983
Batent No. US20010016575A1
GENERAL INPORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READBLE FORM:
WEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IMM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: U$/09/752,983
FILING DATE: 02-Jan-2001
CIASSIFICATION NUMBER: U$/09/752,983
FILING DATE: 02-Jan-2001
FILING DATE: 02-Jan-2001
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
APPLICATION NUMBER: 32,257
REFERRANCE JOCKET NUMBER: 32,257
REFERRANCE JOCKET NUMBER: 32,257
REFERRANCE JOCKET NUMBER: 32,257
REFERRANCE JOCKET NUMBER: 12,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
                            SOFTWARE: WORDERFECT 6.0

CURRENT APPLICATION DATA:

PRILING DATE: 02-Jan-2001

CLASSIFICATION NUMBER: 08/09/752,983

FILING DATE: 02-Jan-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/280,805

FILING DATE: cunknown>

ATTONNEY, AGENT INPORMATION:

NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REGISTRATION NUMBER: 1SPH-0346

TELECOMUNICATION INPORMATION:

TELEPHONE: 609-810-1515

INFORMATION FOR SEQ 1D NO: 188:

SEQUENCE CHARACTERISTICS:

LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1566 ACCCAAGACAAAGAAGAGAG 1585
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 ACCCAAGACAAAGAAGAGAG 1
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 422
US-09-752-983-189/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; ANTI-SENSE:
US-09-752-983-188
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ઠે
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                  Sequence 187, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION: Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCES: 277

CORRESPONDENCES: 277

CORPUTER: ADDERSS:

ADDRESSEE: Law Offices of Jane Massey Licata

STATE: 66 Bath Main Street

CITY: Marlton

STATE: NJ

COUNTR: NJ

COUNTR: NJ

COUNTR: NJ

CONFUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

CONFUTER: IBM PC

COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: OBOSA

CONFUTER: OBOSA

CONFUTER: OBOSA

SOFTWARE: WORDPERFECT 6.0

CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/752,983

FILING DATE: CJAN-2001

CLASSIFICATION NUMBER: US-240-346

FILING DATE: CURROWN: 32,257

REGISTRATION NUMBER: 32,257

REGISTRATION NUMBER: 32,257

REGISTRATION NUMBER: 1SPH-0346

TELEPAN: 609-810-1451

TELEPAN: 609-810-1451

TELEPAN: 609-810-1451

TELEPAN: CORRESPONDENCES CACIO

TELEPAN: SEQUENCE CHARACTERISTICS: LENGARATION PORTOR CACIO

TELEPAN: SEGUENCE CACIO

SEQUENCE CHARACTERISTICS: LENGARATION PORTOR CACIO

TELEPAN: SEGUENCE CACIO

STRANDENESS: SINGLE ACIO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 20;
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 20; DB 1; Le
Pred. No. 8.8e+02;
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Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1560 GAAGAACCCAAGACAAAGA 1579
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 GAAGAACCCAAGACAAAGA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TOPOLOGY: Linear
TI-SENSE: Yes
US-09-752-983-187/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-752-983-188/c
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Query Match
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                                                                                                                              Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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                                                                                                                                                                                                                                                                                                                                                         Sequence 190, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
CORRESPONDENCE ADDRESS:
ADDRESSE: Law offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTRY: U.S.A.

ZIP: 08053
COMPUTER READBLE FORM:
MIDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPPRATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILLING DATE: 02-CAn-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 20; DB 1; L. Pred. No. 8.8e+02;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: -Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-034
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 190:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                 1580 AGAGAGTGTGGAATCTAGTT 1599
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 424
US-09-752-983-191/c
Sequence 191, Application US/09752983
; Patent No. US20010016575A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1605 CTTAATGCCATTGAACCTTG 1624
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TYPE: Nucleic Acid
STANNDEDNESS: Single
TOPOLOGY: Linear
JANTL-SENSE: Yes
US-09-752-983-189
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ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Marlton
                                                                                                                                                                                                                                                                                                                                              US-09-752-983-190/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: NJ
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Sequence 122, Application US/09752983

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF SEQUENCES: 27

CORRESPONDENCE ADDRESS:

ADDRESSES: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 Bast Main Street
                                                                                                                                                                                                                                                                                                              COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM: MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
PAPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRICA APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: cunknown>
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
RGGISTRATION NUMBER: 32,257
RGGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMULCATION INFORMATION:
TELECOMMULCATION INFORMATION:
TELECOMMULCATION INFORMATION:
TELECOMMULCATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1617 GAACCTTGTGTGATTTGTCA 1636
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OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERPECT 6.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 191:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                                                                                                                                                                                         U.S.A.
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                                                                                                                                                                                                                      CITY: Marlton
STATE: NJ
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US-09-752-983-192/c
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ZIP: 08053
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US-09-752-983-191
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Gaps
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Sequence 194, Application US/09752983

Patent No. US2010016578A1

Patent No. US2010016578A1

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
                                                                                                  Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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US-09-752-983-195/c

Sequence 195, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: LOTEN J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:

PAPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 194:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                               1648 AAAATGGTTGCATTGTCCAT 1667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1657 GCATTGTCCATGGCAAACA 1676
                                                                                                                                                                                                                                                                                             20 AAAATGGTTGCATTGTCCAT 1
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ZIP: 08053
         ; ANTI-SENSE:
US-09-752-983-193
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US-09-752-983-193/C
Sequence 193, Application US/09752983
Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Indels
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: DISKETTE, 3.5

CURRENT POLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 00-Jan-2001
STILING DATE: 00-Jan-2001
STILING DATE: 00-Jan-2001
STILING DATE: 00-Jan-2001
STILING DATE: 00-JAN-30-1515
TELECOMMUNICATION INFORMATION:
TELECOM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 20; DB 1; L. Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                      ISPH-0346
UMBER: US/09/752,983
02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1624 GTGTGATTTGTCAAGGTCGA 1643
                                                                                                                                09/280,805
                                                                                                                                                                                                                  NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1515
INFORMATION FOR SEQ ID NO: 192: SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20 GTGTGATTTGTCAAGGTCGA 1
   PILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Manner
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-192
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Length 20;
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM:
OPERATING SYSTEM:
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 0.2-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKTN NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 20; DB 1; L. Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
                                                                                         NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION FOR SEQ ID NO: 196:
SEQUENCE CHARACTERISTICS:
LINGTH: 20 base pairs
LENGTH: 20 base pairs
TYPE: Nucleic Acid
TYPE: Nucleic Acid
TYPE: Nucleic Acid
TYPE: STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1675 CAGGACATCTTATGGCCTGC 1694
  PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               INFORMATION FOR SEQ ID NO: 197: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs : TYPE: Nucleic Acid STRANDEDNESS: Single : TOPOLOGY: Linear : ANTI-SENSE: Yes US-09-752-983-197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 CAGGACATCTTATGGCCTGC 1
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                                                                                                                                                                                                                                                                                                                                                 ; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-196
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U.S.A. ZIP: 08053
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US-09-752-983-197/c
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: APPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                       PE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: 1BM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
RAPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                         ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                        COMPUTER: INTERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFFCATION DATA:
APPLICATION NUMBER: 09/280,805
FILING APPLICATION BATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: cInthown>
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1667 TGGCAAACAGGACATCTTA 1686
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 195.
SEQUENCE CHARACTER STICS.
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 100.0
Matches 20, Conservative
                                                                                                                                                                              COUNTRY: U.S.A.
ZIF: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE,
COMPUTER: IBM PC
                                            NUMBER OF SEQUENCES: 2. CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RY: U.S.A.
08053
                                                                                                                                      CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-752-983-196/c
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TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: Nucleic Acid
STRANDEDNESS: Single
            CORRESPONDENCE ADDRESS:
                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                          U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       U.S.A.
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ZIP: 08053
                                                                                                                                             ZIP: 08053
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US-09-752-983-199
                                                                                                  STATE: N
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                                                       Gaps
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         Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                              APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mailton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 199, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COUNTAL.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
CAMPUTER: IBM PC
CAMPUTER: IBM PC
CAMPUTER: IBM PC
Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE: US-Jan-ZOUI
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
PREDENTING DATE: CURKNOWN:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF SEQ ID NO: 198:
TELEFAX: 609-810-11515
TENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER: IBM PC
OPERATING SYSTEM:
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                       Sequence 198, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                             1684 TTATGGCCTGCTTTACATGT 1703
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1690 CCTGCTTTACATGTGCAAAG 1709
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Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A.
                                                                                                                                                                                                                                 US-09-752-983-198/c
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ADDRESSEE: Law Offices of June Massey Licata

STREET: 66 East Main Street

CUTY: Marlton

STREET: 67 East Main Street

CONDITY: Walten

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Query Match 0.8%; Score Lv; Ll Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                  Sequence 202, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1726 ATAAGCCCTGCCCAGTATGT 1745
                       1720 AAAGGAATAAGCCCTGCCCA 1739
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 20 Arabacccrecceagrarer 1
                                                                20 AAAGGAATAAGCCCTGCCCA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: Linear; ANTI-SENSE: Yes US-09-752-983-202
                                                                                                                                                                                                                                                                                                                                                                                                                                           COUNTRY: U.S.A.
                                                                                                                                                US-09-752-983-202/c
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                                                                                                                        RESULT 435
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                                                                                                                                                                                                                                                                                                                                    0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 201, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Grabam, Berett P. Monia
TITLE OF INVENTION:
ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZUP: 05.4.3.

ZUP: 05.4.3.
ZUP: 05.4.3.
ZUP: 05.4.3.
ZUP: 05.4.3.
ZUP: 05.4.3.
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: 1BM PC
COMPUTER: 1BM PC
COPERATING SYSTEM: WINDOWS 95
SOFTMARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATORNEY/AGRI INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERRICE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mariton
                                                                                                                                                                                                                                                                                                                                            100.0%; Preu. ...
                                                              ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                      1710 AAGCTAAAGAAAAGGAATAA 1729
                                                                                                                  TELEFAX: 609-810-1454
| INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single TOPOLOGY: Linear ANTI-SENSE: Yes US-09-752-983-200
                 NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1315
TELEFAX: 609-810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                        20 AAGCTAAAGAAAAGGAATAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEPHONE: 609-810-1515
TELEPAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERICS:
LENGTH: 20 base pairs
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 100.0
Matches 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: Nucleic Acid
STRANDEDNESS: Sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Linear
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US-09-752-983-201/c
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COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      , ANTI-SENSE:
US-09-752-983-201
                                                                                                                                                                                                                                                                                                                                    Query Match
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j. Sequence 203, Application US/09752983

j. Patent No. US20010016575A1

j. GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION:
ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESS:
STARET: 66 East Main Street
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0, Indels
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: ADARTON
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: US/080,805
FILING DATE: US/080,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 20; DB 1; L
Pred. No. 8.8e+02;
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Sequence 205, Application US/09752983
Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION:
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 27
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                             Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Ouery Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC
OPPRATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/75,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION WINDER: 09/280,805
FILING DATE: UNKNOWN:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
   REFERENCE/DOCKET NUMBER: ISPH-0346
                                                                                                                                                                                                                                                                                                                    1745 TAGACCAATTCAAATGA 1764
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; INFORMATION FOR SEQ ID NO: 205:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs

; TYPE: Nucleic Acid

; STRANDEDNESS: Single

; TOPOLOGY: Linear

; ANTI-SENSE: Yes

US-09-752-983-205
                 TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPAK: 609-810-154
INFORMATION FOR SEQ ID NO: 204:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                           20 TAGACAACCAATTCAAATGA 1
                                                                                                                                                                   TOPOLOGY: Linear

ANTI-SENSE: Yes
US-09-752-983-204
                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-752-983-205/c
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                                                ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                        COMPUTER: IBM PC
OPERATING SYSTEM: WINDOMS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                   PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURNOWN.
FILING DATE: CURNOWN.
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32_257
REFERENCE/DOCKET NUMBER: ISPH-034
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 203:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRENDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1736 CCCAGTATGTAGACAACCAA 1755
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 CCCAGTATGTAGACAACCAA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-203
                                  U.S.A.
Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-752-983-204/c
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Sequence 2004, Application US/09752983
| Sequence 2004, Application US/09752983
| Patent No. US20010016575A1
| GENERAL INFORMATION:
| APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
| TITLE OF INVENTION: EXPRESSION | TITLE OF INVENTION: EXPRESSION |
| NUMBER OF SEQUENCES. 21 |
| CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSEE: Law Offices of Jane Massey Licata |
| STREET: 66 East Main Street |
| CITY: Mariton |
| STATE: NJ |
| CONTRACT |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 20;
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                           COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: -Unknown>
FILING DATE: -Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKT NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELERONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 207:
SEQUENCE CHARACTERISTICS:
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING DATE: CURLOWN-
APPLICATION NUMBER: 09/280,805
RIGGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGRENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INMERR: ISPH-0346
TELECOMMUNICATION INMERR: ISPH-0346
TELECOMMUNICATION INMERR: ISPH-0346
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. 8.8e+02;
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: Linear; ANTI-SENSE: Yes US-09-752-983-207
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A. ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-752-983-208/c
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                                                                                                                                                                       Sequence 206, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2:

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

COUNTRY: U.S.A.

COUNTRY: U.S.A.

COUNTRY: U.S.A.

COMPUTER: IBM PC

COMPUTER: IBM PC

COMPUTER: IBM PC

COMPUTER: IBM PC

COMPUTER: USWERTION DATA:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: 1BM PC

COMPUTER: USWERTION DATA:

MEDIUM TYPE: O2-Jan-2001

CLASSIFICATION NUMBER: US/09/752,983

FILING DATE: CURNOWN:

RELING DATE: CURNOWN:

APPLICATION DATA:

APPLICATION DATA:

APPLICATION DATE: CURNOWN:

ATTORNEY AGENT INPOWATION:

MAME: Licata Jane Massey
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100.0%; Pred. No. 8.8e+02;
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Batent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESSONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION: 1609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1787 GTTGACCTGTCTATAAGAGA 1806
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20 TCAAATGATTGTGCTAACTT
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INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTREISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              U.S.A
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                                                                                                            RESULT 439
US-09-752-983-206/c
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COMPUTER: DISKETTE, 3.5 INCH, 1.44 MD STORAGE COMPUTER: IBM PC OPERATING SYSTEM: WINDOWS 95 SOFTWARE: WORDPERFECT 6.0 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/752,983 FILING DATE: 02-Jan-2001 CLASSIFICATION:
                                   Sequence 210, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
ITILE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
ITILE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                     PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN.»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          609-810-1515
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              609-810-1454
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COUNTRY: U.S.A.
                                                                                                                                                                                                                            Marlton
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                        US-09-752-983-210/c
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100.0%; Pred. No. 8.8e+02;
iive 0; Mismatches 0; Indels
                                                                                                                                                                          Score 20; DB 1; Length 20;
Pred. No. 8.8e+02;
                                                                                                                                                                                                            0; Indels
                                                                                                                                                                                                                                                                                                                                                            Sequence 209, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          3: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                        Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
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                       208:
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TELEFAX: 609-810-1454
INFORMATION FOR ESQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
JOPOLOGY: Linear
US-09-752-983-208
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                              US-09-752-983-209/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ZIP: 08053
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                                                                                         Length 20;
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Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                       DB 1; Le
. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              E: Law Offices of Jane Massey Licata 66 East Main Street
                                                                                       ch 0.8%; Score 20; DB 1 Similarity 100.0%; Pred. No. 8.6 20; Conservative 0; Mismatches
                                                                                                                                                                                     1816 TICTAACTATATAACCCTAG 1835
                                                                                                                                                                                                                                 20 TICTAACTATATAACCCTAG 1
                                                                                         Query Match
Best Local Similarity
TOPOLOGY: Linear
ANTI-SENSE: Yes
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Gaps
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                                                                                                                                                                                                                                                                                                                                                        Query Match

0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ISPH-0346
                                                                                                                                                                                                                            1832 CTAGGAATTTAGACAACCTG 1851
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1840 TTAGACAACCTGAAATTTAT 1859
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 214, Application US/09752983
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Licata, Jane Massey
REGISTATION UNDBER: 32,25F.
REFERENCE/DOCKET NUMBER: ISPH
TELECOMMUNICATION INPORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INPORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                  20 CTAGGAATTTAGACAACCTG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20 TTAGACCACCTGAAATTTAT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
          20 base pairs
        LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                               TOPOLOGY: Linear
HANTI-SENSE: Yes
US-09-752-983-212
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-213
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US-09-752-983-214/c
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US-09-752-983-212/c
is Sequence 212, Application US/09752983
is Patent No. US20010016575A1
is GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
TITLE OF INVENTION:
ITTLE OF INVENTION: BYPRESSION
NUMBER OF SEQUENCES:
NUMBER OF SEQUENCES: 271
is CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
0.8%; Score 20; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION: PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURRIOW:
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECHORE OF 00-80-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PC
COMPUTER: IBM PC
COREATING SYSTEM: WINDOWS 95
SOCTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFFCATION:
PRIOR APPLICATION WUMBER: 09/280,805
FILING DATE: 4UAKNOWN-
APPLICATION NUMBER: 09/280,805
FILING DATE: 4UAKNOWN-
APPLICATION NUMBER: 132,257
RESISTRATION NUMBER: 32,257
RESISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECHOME: 609-810-1515
TELECHOME: 609-810-1515
TELECHOME: 609-810-1515
TELECHOMATION FOR SEQ 1D NO: 212:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1823 TATATAACCCTAGGAATTTA 1842
                                                                                                                                                                                                                                                                                                                  TELEPAX: 609-810-1454
INFORMATION FOR SEO ID NO: 211:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        20 TATATAACCCTAGGAATTTA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: Linear; ANTI-SENSE: Yes US-09-752-983-211
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STATE: NJ
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Sequence 216, Application US/09752983
; Sequence 216, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2;
TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STRATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC COMPUTER: IBM PC COMPUTER: IBM PC COMPUTER: IBM PC COMPUTER: WANDOWS 95 SOFTWARE: WORDPERFECT 6.0 CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/752,983 FILING DATE: 02-Jan-2001 CLASSIFICATION NUMBER: US/09/752,983 FILING DATE: 02-Jan-2001 PRIOR APPLICATION DATA: APPLICATION NUMBER: 09/280,805 FILING DATE: CURKNOWN>
ATTORNEY/AGENT INFORMATION: NATORNEY/AGENT INFORMATION: NAMBER: Licate, Jane Massey
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.8%; Score 20; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
CURRENT APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown:
NAME: Licata, Jane Massey;
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 12PH-0346
TELECOMMUNICATION INFORMATION:
TELEPROCE 609-810-1515
TELEPROCE CHARACTERISTICS:
LIGHTH: 20 base pairs
LYPE: NUCLeic Acid
STRANDEDNESS: Single
TYPE: Linear
ATTI-SENSE: Yes
US-09-752-983-215
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REGISTRATION NUMBER: 32,257
REPERENCE/DOCKET UNBER: ISPH-0346
TELECOMMUNICATION: 1NFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1855 TTTATTCACATATATCAAAG 1874
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INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 449
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Patent No. US20010016575A1

GENERAL INFORMATION

APPLICANT: Lorand. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

STREET: 10.5.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 20; DB 1; Length 20;
  Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSER: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                 STATE: MAILCOM
STATE: MAILCOM
STATE: MOSS
ZIP: 08053
COMPUTER REABBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: MORDPERRECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 0.2-Jan-2001
PRIOR APPLICATION:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
ATTORNEY AGENT INFORMATION:
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC.
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 214:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8°
Best Local Similarity 100.
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear

ANTI-SENSE: Yes

US-09-752-983-214
                                                                                                                                                                                                                                                       CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-752-983-215/c
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LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-218
                                                                                                                                                                                       U.S.A.
                                                                                                                                           CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-752-983-219/c
                                                                                                                                                                                           COUNTRY: U
ZIP: 08053
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                                                                                                                                                                                                                                                                                                               Sequence 217. Application US/09752983

Fatent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: APPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: U.S.A.
                                                                        Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
                                                                   Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM PERSITE, 3.5 INCH, 1.44
COMPUTER: IBM PC
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: Licaca, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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US-09-752-983-218/c
; Sequence 218, Application US/09752983;
Patent No. US20010016575A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1872 AAGTGAGAAATGCCTCAAT 1891
                                                                                                                                                               1865 TATATCAAAGTGAGAAATG 1884
                                                                                                                                                                                                               20 TATATCAAAGTGAGAAATG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20 AAGTGAGAAATGCCTCAAT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 217:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-217
                                                                                                                                                                                                                                                                                                      US-09-752-983-217/c
, ANTI-SENSE:
US-09-752-983-216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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| Saquence 219, Application US/09752983
| Patent No. US20010016575A1
| GENERAL INFORMATION:
| APPLICANT: Graham, Brett P. Monia | TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 | TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 | TITLE OF INVENTION: ANTISENSE | TITLE OF INVENTION: STREET: 66 East Main Street | TITY: MarIton | STATE: NJ | COUNTRY: U.S.A. | 
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
                                           ANTISENSE MODULATION OF HUMAN MDM2
EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
PRIOR APPLICATION:
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER TO THE TOTAL THE TOTAL THE ME STORAGE COMPUTER IN TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IDEN PC COMPUTER: US WINDOWS 95 SOFTWARE: WORDPERFECT 6.0 CURRATION NUMBER: US/09/752,983 FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODU
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1883 TGCCTCAATTCACATAGATT 1902
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: 1SPH-
TELECOMMUNICATION INPORMATION:
TELEPAN: 609-810-1515
INFORMATION FOR SEQ ID NO: 218:
SEQUENCE CHARACTERISTICS:
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; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       U.S.A.
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US-09-752-983-222/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-752-983-221/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 453
US-09-752-983-220/C
Sequence 220, Application US/09752983
Sequence 220, Application US/09752983
Sequence 220, Application US/09752983
Sequence 220, Application US/09752983
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Breet P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Mariton STATE: NJ COUNTRY: U.S. A ZIONTRY: U.S. A ZIONTRY CONTRACTOR CON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET UNBER: ISPH-0346
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                            ISPH-0346
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: bicata, Jame Massey
REGISTRATION NUMBER: 12PH-034
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPAX: 609-810-1615
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM PC
OPERATING SYGTEM: WINDOWS 95
SOFTWARE: WORDERRECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1889 AATTCACATAGATTTCTTCT 1908
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION UNMER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELEPAX: 609-810-1454

INPORMATION FOR SEQ ID NO: 220:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
JOPOLOGY: Linear
US-09-752-983-220
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20 AATTCACATAGATTTCTTCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-219
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0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 20;
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APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Mailton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSTFICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
SPRICH APPLICATION NUMBER: 09/280,805
FILING DATE: CURKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURKNOWN:
ATTOREY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPHONE: G09-810-1515
TELEPHONE: G09-810-1515
TELEPHONE: COB-GIOLOGE
SEQUENTION CONTRACTORISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 224, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1913 AGTATAATTGACCTACTTTG 1932
FILING DATE: «Unknown»
ATTORNEY/ACENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 223:
SEQUENCE GHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANBONESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 AGTATAATTGACCTACTTTG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-223
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 457
US-09-752-983-224/c
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Patent No. US2001001657541

GENERAL INFORMATION:

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

ITILE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Mariton

STATE: NJ

COUNTRY: U.S.A.

ZIP: 08053

COMPUTER REAABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

COMPUTER: MANDOWS 95

SOFTWARE: WORDERREET 6.0

COMPUTER: WORDERREET 6.0

STATE: WORDERFEET 6.0

COMPUTER: 10053

COMPUTER: 10053

COMPUTER: 10053

COMPUTER: 02-Jan-2001

CLASSIFICATION NUMBER: US/09/752,983

FRILNG DATE: 02-Jan-2001

CLASSIFICATION DATE:

PRIOR APPLICATION DATA:

PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                      COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: OSOTTWARE: WINDOWS 95
SOTTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING APPLICATION NUMBER: 32,257
ATPORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 132,257
REFERENCE/TOCKET NUMBER: 132,257
RELECOMMUNICATION INFORMATION:
TELECOMMUNICATION NOW SEQ 1D NO: 222:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDRESS: Single
TYPE: Nucleic Acid
STRANDEDRESS: Single
MY: SENSE: Yes
US-09-752-983-222
                         CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
STREET: Marlton
STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1908 TCTTTAGTATAATTGACCTA 1927
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Matches 20; Conservative
  NUMBER OF SECUENCES: 271
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US-09-752-983-223/c
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Licata, Jane Massey
                                                                   COUNTRY:
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                                                                                                                                                                US-09-752-983-225/c
; Sequence 225 Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: EXPRESSION
; TITLE OF INVENTION: EXPRESSION
; UNMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 20;
  Indels
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Sequence 226, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
  ;
0
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0.8%; Score 20; DB 1; Le Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADDRESSEE: Law Offices of Jane Massey Licata
  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: 1 LBM PC
COMPUTER: 1 LBM PC
CORRENT APPLICATION DATA:
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
APPLICATION NUMBER: 09/280,805
FILING DATE: cUnknown>
ATTORNEY/AGENT INFORMATION:
NAWE: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
RETERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION 1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ISPH-0346
                                          1920 TTGACCTACTTTGGTAGTGG 1939
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1933 GTAGTGGAATAGTGAATACT 1952
                                                                 20 TIGACCTACTITGGTAGIGG 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 225:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear
HANTI-SENSE: Yes
US-09-752-983-225
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: NJ
COUNTRY: U.
ZIP: 08053
20;
Matches
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Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 227, Application US/09752983
Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: BREESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCES: 271
CORRESPONDENCES: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY: U.S.A.

ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                               ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DIEKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSER: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                               COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CUBRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: -UNKNOWN:
ATTORNEY APPLICATION NUMBER: 132,257
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1940 AATAGTGAATACTTACTATA 1959
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PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN.>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 AATAGTGAATACTTACTATA 1
66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TELEPHONE: 609-810-1515
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
STRANDEDNESS: Sing
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-226
                                                                       U.S.A.
                          Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Marlton
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REGISTRATION NUMBER: 32,257

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20 TATAATTTGACTTGAATATG 1
                                                                                      RESULT 462
US-09-752-983-229/c
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US-09-752-983-229
                                                                                                                                                                                                                                                                                                                                                                                                                                COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 228, Application US/09752983
Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                            Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
CURRENT ADPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: cURKNOWN
APPLICATION NUMBER: 09/280,805
FILING DATE: cURKNOWN
APPLICATION NUMBER: 32,257
REFERENCE DOCKET NUMBER: 32,257
REFERENCE DOCKET NUMBER: 32,257
REFERENCE DOCKET NUMBER: 15SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                  ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                   1948 ATACTTACTATAATTTGACT 1967
         REFERENCE/DOCKET NUMBER: ISPH
TELECOMOUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEPAX: 609-810-1654
INFORMATION FOR SEQ ID NO: 227:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
TYPE: Nucleic Acid
STRANDEDNESS: Single
TYPE: Linear
TOPOLOGY: Linear
US-09-752-983-227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TELEPAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 228:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                             20 ATACTTACTATAATTTGACT 1
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US-09-752-983-228
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Gaps
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Sequence 229, Application US/09752983

Sequence 229, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Mariton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WARDPEREFECT 6.0
SOFTWARE: WARDPEREFECT 6.0
APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILLING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION DATA:
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
PTILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1969 GAATATGTAGCTCATCCTTT 1988
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                 U.S.A.
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Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 232, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION
APPLICANT: Coren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
2.TP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: ISAN DESCRIPE, 5.5 INCH, 1.3
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WONDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIPICATION NUMBER: 09/280,805
FILING DATE: *OIMROWN>
PRICK APPLICATION NUMBER: 09/280,805
FILING DATE: *OIMROWN>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFISCOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ISPH-0346
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1982 ATCCTTTACACCAACTCCTA 2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20 Arccrtracaccaacrccra 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 caccaacrccraarrrraaa 1
                                TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
TYPE: Nucleic Acid
STRANDEDNESS: Single
      609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TYPE: Nucleic Acid
STRANDEDNESS: Single
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                                                                                                                                                                                                                    ; TOPOLOGY: Linear; ANTI-SENSE: Yes
US-09-752-983-231
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HANTI-SENSE: Yes
US-09-752-983-232
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-09-752-983-232/c
      TELEPHONE:
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JUS-09-752-983-231/C

Sequence 231, Application US/09752983

Fatent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 20; DB 1; Lengtn 20; Pred. No. 8.8e+02; O; Indels
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MEDIUM TYPE DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER IS DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER IS DE COMPUTER OF COM
                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
                                                                                                       NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1973 ATGTAGCTCATCCTTTACAC 1992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN»
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: Linear
ANTI-SENSE: Yes
   U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-09-752-983-230
COUNTRY:
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Length 20;
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Patent No. US20010016575A1
GENERAL INFORMATION
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match

0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                       CONTOLER: 1587

CONTOLER: 1587

CONTOLER: 1587

CONTOLER: WORDPERFECT 6.0

CURRENT APPLICATION DATE:
APPLICATION NUMBER: US/09/752,983

FILING DATE: 02-Jan-2001

CLASSIFICATION NUMBER: 09/280,805

FILING DATE: -UNKNOWN:
APPLICATION NUMBER: 09/280,805

ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey

REGISTRATION NUMBER: 32,257

REFERENCE/DOCKET NUMBER: ISPH-0346

TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION:
TELECOMMUNICATION:
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TELECOMMUNICATION:
TELECOMMUNICATION:
TELECOMMUNICATION:
TELECOMMUNICATION: 1515
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: <u >cu <u <u >cu <u >cu <u <u >cu <u <u >cu <u <u <u >cu <u <u <u >cu <u <u >cu <u <u <u >cu <u <u <u >cu <u <u >cu <u <u >cu <u <u >cu <u <u <u >cu <u <u >cu <u <u <u >cu <u <u >cu <u <u >cu <u <u <u >cu <u <u <u >cu <u <u >cu <u <u <u >cu <u <u >cu <u <u >cu <u <u <u >cu <u <u >cu <u <u >cu <u <u <u >cu <u <u <u >cu <u <u <u >cu <u <u >cu <u <u <u >cu <u <u <u >cu <u <u >cu <u <u >cu <u <u <u <u >cu <u <u >cu <u <u >cu <u <u >cu <u <u <u >cu <u <u >cu <u <u <u >cu <u <u <u >cu <u <u >cu <u <u <u >cu <u <u <u >cu <u <u <u >cu <u <u >cu <u <u <u >cu <u <u >cu <u <u >cu <u <u <u >cu <u <u >cu <u <u <u >cu <u <u <u >cu <u <u <u >cu <u <u >cu <u <u >cu <u <u <u >cu <u <u <u >cu <u <u >cu <u <u >cu <u <u <u >cu <u <u <u >cu <u <u >cu <u <u <u >cu <u <u >cu <u <u <u >cu <u <
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 234:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 609-810-1454 INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: Nucleic Acid
STRANDEDNESS: Single
                                 COMPUTER: IBM PC
OPERATING SYSTEM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-234
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Marlton
STATE: NJ
       MEDIUM TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 468
US-09-752-983-235/c
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100.0%; Pred. No. 8.8e+02;
ive 0; Mismatches 0; Indels
                                                                                           Sequence 233, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 234, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATTON:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Mariton CITY: Mariton CITY: Mariton CITY: Mariton COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC
OPPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STREET: 6 East Main Street CITY: Marlton STATE: NJ COUNTER NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-JBA-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1997 ICCTARITITAATITIC 2016
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 233:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20 rccraarrrraaararrrc 1
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET UNBER: 1SI
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Conservative
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COMPUTER READABLE FORM:
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Best Local Similarity
Matches 20; Conserva
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE: 0:
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-752-983-234/c
                                                                  US-09-752-983-233/c
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Sequence 238, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 27; CORRESPONDENCE ADDRESSE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
                                                                  APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS: ADDRESS: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                           ZIP: 08053
COMPUTER READBLE FORM:
WEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
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                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
    Sequence 237, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2051 TITICITAAATATGTATATG 2070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «UNKNOWN:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 TTTCTTAAATATGTATATG 1
                                                                                                                                                                                                                                                                                                                                                                                                                      OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: IST
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 2 SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 100.
Matches 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-237
                                                                                                                                                                                                                                                                                                        U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              U.S.A.
                                                                                                                                                                                                                                                             Marlton
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US-09-752-983-238/c
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                                                                                                                                                                                                                                                                                STATE: N
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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                                                                                                                                                                                Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               E: Law Offices of Jane Massey Licata 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OCHIOLEK: 150 PC.
OCHIOLEK: 150 PC.
CURRENT APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING DATE: -CURLOWN-
APPLICATION NUMBER: 09/280,805
APLICATION NUMBER: 09/280,805
ATTONNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                    RESULT 469
US-09-752-983-236/c
; Sequence 236, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION
                                                                                                                                                                                                                                                                           2015 TCTACTCTGTCTTAAATGAG 2034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2020 TCTGTCTTAAATGAGAAGTA 2039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: 609-810-1454
; INFORMATION FOR SEQ ID NO: 236:
; SEQUENCE CHARACTICS:
: LENGTH: 20 base pairs
; TYPE: Nucleic Acid
: STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-236
                                                                                                                                                                                                                                                                                                     20 TCTACTCTGTCTTAAATGAG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.0
Matches 20; Conservative
SEQUENCE CHARACTERISTICS
                     LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                        TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STREET: 66 East
CITY: Marlton
STATE: NJ
COUNTRY: U.S.A.
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                                                                                                             , ANTI-SENSE:
US-09-752-983-235
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RESULT 470

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RESULT 474
US-09-752-983-241/c
Sequence 241, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
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                                                                                                                                                                                                    20 CATTTAAATGTAACTTATTA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    U.S.A.
    STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: U
ZIP: 08053
                                          , ANTI-SENSE:
US-09-752-983-239
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Patent No. US2001001657541

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton

STATE: NJ

COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTAL.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: IEM PC
COMPUTER: IEM PC
                                                                                        PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: -UNKNOWN:
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 132,257
REFERENCE/DOCKET NUMBER: 15PH-0346
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 238:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCleic Acid
STRANDENNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                    CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2059 AATATGTATATGACATTTAA 2078
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 AATATGTATATGACATTTAA 1
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INFORMATION FOR SEQ ID NO: 239:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
WORDPERFECT 6.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 100.
Matches 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                        ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-238
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-09-752-983-239/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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US-09-752-983-240/c

i Sequence 240, Application US/09752983

i Patent No. US20010016575A1

i GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

ITTLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 6 East Main Street

CITY: Marlton

STATE: NJ
Score 20; DB 1; Length 20; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CUUNLAR.

ZIP: 08053.

COMPUTER READABLE PORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: - UNKNOWN:
APPLICATION NUMBER: 09/280,805
FILING DATE: - UNKNOWN:
ATTORNEY/AGENT INPORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REPRENCE/POCKET NUMBER: 12FH-0346
FILING DATE: 4010-1454
INFORMATION FOR SEQ ID NO: 240:
SEQUENCE CHARACTERISTICS:
IENGTH: 20 base pairs
FYPE: NUCLEIC ACId
STORE SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC ACId
STORE SEG ID NO: SEQUENCE CHARACTERISTICS:
TYPE: NUCLEIC ACId
STORE SEG ID NO: SEQUENCE CHARACTERISTICS:
TYPE: NUCLEIC ACId
STORE SEG ID NO: SEQUENCE CHARACTERISTICS:
TYPE: NUCLEIC SINGLE
STARSE: Yes
US-09-752-983-240
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Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
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Gaps
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; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: LOYEN J. Miraglia, Pamela Nero, Mark J.
APPLICANT: LOYEN J. Miraglia, Pamela Nero, Mark J.
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 27;
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; STREET: Nariton
; STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STATE: NU
COUNTRY: U.S.A.
ZIP: 08053

ZIP: 08053

COMPUTER READABLE FORM:
MIDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: WINDOWS 95
SOCTIVARE: WORDERREFOT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: cURKNOWN:
PRIOR APPLICATION NUMBER: 109/280, 805
FILING DATE: cURKNOWN:
TELEPENTION DATA:
APPLICATION NUMBER: 32,257
REFERENCE CLASSIFICATION:
TELEPHONE: 609-810-1516
TELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 243:
SEQUENCE CHARACTERISTICS:
TELEFAX: 609-810-1454
TELEFAX: 20 base pairs
TYPE: Nucleic Acid
STRANDENNESS: Single
TYPE: Linear
ANTI-SENSE: Yee
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Prec.
                                                                                                                                                                                                                        ISPH-0346
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown-
FILING DATE: «Unknown-
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 125PH-03
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION OF SEQ ID NO: 242:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDENNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2116 CTGTTACCCAGGCTGGAGTG 2135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 CTGTTACCCAGGCTGGAGTG 1
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Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: Linear ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 476
US-09-752-983-243/c
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CONTY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
               APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: 271
CORRESPONDENCES: 271
CORRESPONDENCE ADDRESS: ADDRESSE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Mariton STATE: NJ
                                                                                                                                                                                                                                                                                    ZIP: 08053

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: LBM PC
COMPUTER: LBM PC
COMPUTER: LBM PC
COMPUTER: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-04n-2001
PRIOR APPLICATION:
APPLICATION NUMBER: 09/280,805
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 241:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TOPOLOGY: Linear; ANTI-SENSE: Yes US-09-752-983-241
                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   U.S.A.
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COUNTRY: U.S
ZIP: 08053
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                                               0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
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Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Mixaglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
                                                                                                                                                                                                                                                                                                       Sequence 244, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION:
APPLICANT: GRAHAM, BY MATISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM FC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURNOWN>
APPLICATION NUMBER: 09/280,805
FILING DATE: CURNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jame Massey
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton
                                          Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Licata, Jane Massey
REGISTRATION UNUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPRONE: 609-810-1515
TELEPRONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 244:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                        2123 CCAGGCTGGAGTGCAGTGGG 2142
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2133 GTGCAGTGGGTGATCTTGGC 2152
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; ANTI-SENSE: Yes
US-09-752-983-244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RY: U.S.A.
08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    STATE: NJ
US-09-752-983-243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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US-09-75-2983-246/C
Sequence 246, Application US/09752983
Sequence 246, Application US/09752983
Sequence 246, Application US/09752983
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
ANTWERR OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 20;
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                                                                                                                                                                                     DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 20; DB 1; L. Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
           STREET: Mariton Street Markey Licata STREET: 66 East Main Street CITY: Mariton
                                                                                                                                                                                                 NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2140 GGGTGATCTTGGCTCACTGC 2159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 GGGTGATCTTGGCTCACTGC 1
 EXPRESSION 271
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELBFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 245:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TITLE OF INVENTION: EXI
NUMBER OF SEQUENCES: 2'
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CLASSIFICATION:
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: Linear ANTI-SENSE: Yes US-09-752-983-245
                                                                                                                              COUNTRY: U.S.A. ZIP: 08053
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ZIP: 08053
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Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-0an-2001
FLING DATE: 02-0an-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
ATTORNEY/AGENT INFORMATION:
WALLOW THE THORNEY/AGENT INFORMATION:
WALLOW THE TROUBLE TO THE TROUB
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100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0;
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                                                                                                          NAME: Licata, Jame Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 246:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 Base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2146 TCTTGGCTCACTGCAAGCTC 2165
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 247, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICATION NUMBER: 09/280,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: 1SPH-
TELECOMMUNICATION INFORMATION:
TELEPAX: 609-810-1515
TELEPAX: 609-810-1454
INPORMATION FOR SEQ ID NO: 247:
SEQUENCE CHARACTERISTICS:
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                                      FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-246
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STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-09-752-983-247/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-752-983-247
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0.8%; Score 20; DB 1; Length 20;

Query Match

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Indels
                                                                                                                                                                                   US-09-752-983-248/c

Sequence 248, Application US/09752983

Patent No. US20010016575A1

GERERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
INUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 249, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
ITILE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
ITILE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MEDION TIPE: USENETIE, 3.5 INCH, 1.44
COMPUTER: 1BM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURKNOWN>
ATTORNEY AGENT INPORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELECHONE: 609-810-1515
TELECHONE: 609-810-1515
INFORMATION FOR SEQ ID NO: 248:
SEQUENCE CHARACTERISTICS:
LINGTH 20 Dase pairs
                                             2153 TCACTGCAAGCTCTGCCCTC 2172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2176 GGGTTCGCACCATTCTCCTG 2195
                                                                      20 TCACTGCAAGCTCTGCCCTC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 GGGTTCGCACCATTCTCCTG 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: NJ
COUNTRY: U.S.A.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-752-983-249/c
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Gaps

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Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1515
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         COMPUTER: IBM FOR SYSTEM: WINDOWS 95
SOFTWARE: WONDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIPICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWN:
ATTORNEY AGRET INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0346
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 251, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2191 TCCTGCCTCAGCCTCCCAAT 2210
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       609-810-1454
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STRANDEDNESS: Single
TOPOLOGY: Linear
JANTI-SENSE: Yes
US-09-752-983-251
                                                                                                                                                                                                                                                                                                                                                                                   ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-250
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     JS-09-752-983-251/c
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Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: Loraham, Brett P. Monia

TITLE OF INVENTION: BATTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESSS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02;
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                                                                                                                                                          COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: DISKETTE, 3.5
CLASSIFICATION NUMBER: DISKET, 3.2
COMPUTER: DISKET INFORMATION:
COMPUTER: DISK
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COMPUTER: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
   ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2185 CCATTCTCTGCCTCAGCCT 2204
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CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-09-752-983-249
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STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                         U.S.A.
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                                                                                                                                            COUNTRY:
                                                                                                          STATE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                           COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 20; DB 1; Lo
Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
                                                                                                                                        SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: 09/280,805
FILING DATE: 09/280,805
FILING DATE: 4UNADER: 09/280,805
FILING DATE: 4UNADER: 30/287
REGISTRATION NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 254, Application US/09752983; Patent No. US20010016575A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2210 TTAGCTTGGCCTACAGTCAT 2229
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                       COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 rragerragecracagrear 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           253:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  609-810-1454
                        U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     STATE: NJ
COUNTRY: U.
ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-752-983-254/c
                   COUNTRY: U
                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX:
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                                                                                                                                      Sequence 252, Application US/09752983

Patent No. US20010016575A1

GENERAL INFORMATION:

APPLICANT: LOTEN J. Miraglia, Pamela Nero, Mark J.

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESPONDENCE ADDRESS:

ADDRESSEE: Law Offices of Jane Massey Licata

STREET: 66 East Main Street

CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 253, Application US/09752983
Sequence 253, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTY.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION STANDARY:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURROWN-
ATTORNEY AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ISPH-0346
2198 TCAGCCTCCCAATTAGCTTG 2217
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2202 CCTCCCAATTAGCTTGGCCT 2221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 252: SEQUENCE CHARACTERISTICS: LENGTH: 20 base pairs TYPE: Nucleic Acid STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 CCTCCCAATTAGCTTGGCCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET UNBER: 168
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                          20 TCAGCCTCCCAATTAGCTTG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.89
Best Local Similarity 100.0
Matches 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TOPOLOGY: Linear
TI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                    STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-752-983-253/c
                                                                                                                        US-09-752-983-252/c
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US-09-752-983-252
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CITY: Marlton STATE: NJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 255, Application US/09752983
Patent No. US2001016575A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESS: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: 1BM PC OMPUTER: 1BM PC OMPATION: SOFTWARE: VSTORM: WINDOWS 95 SOFTWARE: WORDPERFECT 6.0 CURRENT APPLICATION DATA: APPLICATION: NUMBER: US/09/752,983 FILING DATE: 02-Jan-2001 CLASSIFICATION: PRIOR APPLICATION DATA: APPLICATION UNDER: 09/280,805 FILING DATE: 4UNKNOWN: ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ISPH-0346
                                                                                                                                                                                                                                                                                                                                               2213 GCTTGGCCTACAGTCATCTG 2232
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TELECOMMUNICATION INFORMATION:
TELEPRX: 609-810-1515
TELEPRX: 609-810-1454
INFORMATION FOR SEQ ID NO: 254:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 255:
SEQUENCE CHARACTRISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                    20 derregeeracaereare 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NINE: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 32,257
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-255
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 488
US-09-752-983-255/c
                                                                                                                                                                                                                 US-09-752-983-254
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Gaps
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                                                          APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION CORRESPONDENCE ADDRESS: 271
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESS: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
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. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street CITY: Marlton STATE: NJ STATE: NJ ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                         NAME: Licata, Jane Massey
RECISTRATION NUMBER: 32,257
REPERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
Sequence 256, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 257, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     609-810-1454
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ANTI-SENSE: Yes
US-09-752-983-256
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Gaps
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; Betent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: ANTISRSE MODULATION OF HUMAN MDM2
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
                                                                                                                                                                                                                                    Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: -UDARDOWN>
APPLICATION NUMBER: 09/280,805
FILING DATE: -UDARDOWN>
ATTORNEY, AGGAT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE JOCKET NUMBER: 32,257
REFERENCE JOCKET NUMBER: 15PH-0346
TELLECOMMUNICATION INFORMATION:
TELLECOMMUNICATION INFORMATION:
TELLECOMMUNICATION 146-410-1515
                                                                                                                                                                                                                            Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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INFORMATION FOR SEQ ID NO: 259:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
          258:
                            ; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; ATTI-SENSE: Yes
US-09-752-983-258
       INFORMATION FOR SEQ ID NO:
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TYPE: Nucleic Acid
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US-09-752-983-259
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US-09-752-983-259/c
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ZIP: 08053
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; Sequence 258, Application US/09752983
; Patent No. US20010016575A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
; APPLICANT: Graham, Brett P. Monia
; TITLE OF INVENTION: EXPRESSION
; TITLE OF INVENTION: EXPRESSION
; NUMBER OF SEQUENCES: 271
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Law Offices of Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Mailton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            STATE: MAILCON
STATE: MAILCON
ZIP: MOSA
ZOUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-0an-2001
CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jan Masses: ISPH-0346
TELECOMMUNICATION INFORMATION:
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ilarity 100.0%; Pred. No. 8.6
Conservative 0; Mismatches
                                         COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NOWBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION
APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                             ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2253 TTIGIACTITIAGIAGAG 2272
                                                                                                                                                                                                                                                                                                                    NAME: LICETA, Jane Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: 1SPH-
TELECOMMUNICATION INPORMATION:
TELEFHONE: 609-810-1515
INPORMATION FOR SEQ ID NO: 257:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCleic Acid
STRANDENDESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 rrrgracrrrragragac 1
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; ANTI-SENSE: Yes
US-09-752-983-257
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Best Local Similarity
Matches 20; Conserv
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Sequence 262, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
INVERSE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 2.
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlen
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNANOWN-
APPLICATION NUMBER: 30/280,805
FILING DATE: <UNANOWN-
APPLICATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15PH-0346
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.8%; Score 20; DB 1; L. 100.0%; Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      llarity 100.0%; Pred. No. 8.8
Conservative 0; Mismatches
                                                                                                APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSTRICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN>
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2290 GCCAGGATGGTCTCGATCTC 2309
                                                                                                                                                                                                                                                                                         NAME: Licata, Jane Massey;
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-
TELECOMMUNICATION INFORMATION:
TELEPAX: 609-810-1515
TELEPAX: 609-810-1515
TELEPAX: 609-810-1515
INFORMATION FOR SEQ ID NO: 261:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
LENGTH: 20 base pairs
TYPE: Nucleic Acid
TYPE: Nucleic Acid
STRANDEDNESS: Single
TYPE: TAPE: Linear
STRANDEDNESS: Single
MANTI-SENSE: Yes
US-09-752-983-261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 GCCAGGATGGTCTCGATCTC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 262: SEQUENCE CHARACTERISTICS:
                                                SOFTWARE: WORDPERFECT 6.0 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
Matches 20; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A. ZIP: 08053
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US-09-752-983-266/C

Sequence 260, Application US/09752983

Sequence 260, Application US/09752983

Sequence 260, Application US/09752983

SECONTY US US2010016575A1

APPLICANT: Graham, Brett P. Monia

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2

TITLE OF INVENTION: EXPRESSION

NUMBER OF SEQUENCES: 271

CORRESSEE: Law Offices of Jane Massey Licata

STREET: Mariton

STATE: NJ

COMPUTER: NJ

COMPUTER: READABLE PORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

OPERATING SYSTEM: WINDOWS 95

SOFTWARE: US-A-2001

CLASSIFICATION NUMBER: US/09/752,983

FILING DATE: 02-001

APPLICATION NUMBER: 09/280,805

FILING DATE: 02-001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 32,257

REGISTRATION NUMBER: 32,257

REGISTRATION NUMBER: 32,257

REFERENCE COPERATION INFORMATION:

MAME: Licata, Jane Massey

REFERENCE CHARACTENTION:

TELEPRAN: 609-810-1154

TRELEPRAN: 609-810-1154

TRELEPRAN: 609-810-1154

TTELECOMMUNICATION FOR AGIGE

TTELENGTH: 20 Dase paire

TTELENGTH: 20 Dase paire

TTELENGTH: ACTION CALLS
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Fatent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
STATE: NJ
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2283 CGTGTTAGCCAGGATGGTCT 2302
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Matches 20; Conservative
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; ANTI-SENSE: Yes
US-09-752-983-260
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US-09-752-983-261/c
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GENERAL INFORMATION:
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100.0%; Pred. No. 8.8e+02;
ive 0; Mismatches 0; Indels
                                                                                                            Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                Sequence 263, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
ITILE OF INVENTION: EXPRESSION
INTER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
MUTER: WINDOWS 95
                                                                                                                                                                                                                                                                                                                                                                                                                                              STREET: Mariton Street STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER: IBW PC
OPERATING SYSTEM: WINDOWS 95
SOSTWARE: WORDERERECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFTCATION DATA:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: vinknown.
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15BH-0346
FILEMPONES: 609-810-11515
FELECOMMUNICATION INFORMATION:
FELEPAX: 609-810-1155
FELECOMMUNICATION INFORMATION:
FELEPAX: 609-810-1155
FELECOMMUNICATION ON 263:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
TYPE: Nucleic Acid
TYPE: Nucleic Acid
TYPE: Nucleic Acid
TYPE: Tinear
                                                                                                                                                                                       2298 GGTCTCGATCTCCTGACCTC 2317
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; Patent No. US20010016575A1
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; TYPE: Nucleic Acid
STRANDEDNESS: Single
; TOPOLOGY: Linear
ANTI-SENSE: Yes
US-09-752-983-262
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TI-SENSE: Yes
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US-09-752-983-264/c
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COUNTRY: U
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APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPENDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
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Patent No. US20010016575A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 08053
ZOMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: IBM PC
COMPUTER: SYSTEM: WINDOWS 95
SOFTWARE: WORDPERPECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
PRIOR APPLICATION:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN:
ATTORNEY/AGENT INFORMATION:
WANNEY / AGENT TAGE A TAGE A
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ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
COMPUTER: WNDOWS 95
SOFTWARE: WORDPREFECT 6.0
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0346
TELECOMMUNICATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2319 TGATCCGCCCACCTCGGCCT 2338
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INFORMATION FOR SEQ ID NO: 2.
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
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Best Local Similarity 100.0
Matches 20, Conservative
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; ANTI-SENSE: Yes
US-09-752-983-264
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Sequence 267, Application US/09752983
| Patent No. US20010016575A1
| GENERAL INFORMATION:
| APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. APPLICANT: Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2 TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271
| CORRESPONDENCE ADDRESS: ADDRESSE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
| CITY: Mariton | STREET: NJ
                                                                                                                                                           Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CUNKNOWN:
ATTORINY AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
TELEFAX: 609-810-1544
INFORMATION FOR SEQ ID NO: 267:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: NUCLEIC Acid
STRANDEDNESS: Single
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Sequence 268, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
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                                                                                                                                                       0.8%; Score 20; DB 1; Loudour 100.0%; Pred. No. 8.8e+02;
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0.8%; Score 20; up
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                               Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                    2334 GGCCTCCCAAAGTGCTGGGA 2353
                                                                                                                                                                                                                                                                                                                                                                                                                     20 GGCCTCCCAAGTGCTGGGA 1
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ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY: U.S.A. ZIP: 08053
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 500
US-09-752-983-267/c
                               ; ANTI-SENSE:
US-09-752-983-266
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                                                                                                                                                                Query Match
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US-09-752-983-266/C
Sequence 266, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
TITLE OF INVENTION: BYEET P. Monia
TITLE OF INVENTION: EXPRESSION
NUMBER OF EQUENCES: 271
CORRESPONDENCE ADDRESS:
ADDRESSE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
CORPUTER: IBM PC
COPENATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Uan-2001
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CLASSIFICATION DATA:
PRIOR APPLICATION DATA:
PRIOR APPLICATION DATA:
PAPLICATION UNMBER: 09/280,805
FILING DATE: «Unknown»:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 132,257
REPERENCE/DOCKET NUMBER: 1SPH-0346
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPAX: 609-810-1515
TELEFAX: 609-810-1515
TELEPAX: 609-810
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSETCATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURKNOWN:
ATTORNEY/AGRAT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 12,257
REFERENCE/DOCKET NUMBER: 12PH-0346
FILECOMMUNICATION INFORMATION:
FILECOMMUNICATION OF SEQ 10 NO: 265:
BENGTH: 20 base pairs
FIRET: Nucleic Acid
STRANDEDNESS: Single
TYPE: Nucleic Acid
STRANDEDNESS: Single
FIRET FIRET FOR SEG 10 NO: 265:
ATRANDEDNESS: Single
FIRET FILET FOR SEG 10 NO: 265:
ATRANDEDNESS: Single
FIRET FIRET FIRET FIRET FOR SEG 10 NO: 265:
ATRANDEDNESS: Single
FIRET FIRET FIRET FIRET FOR SEG 10 NO: 265:
ATRANDEDNESS: Single
FIRET FIRET FIRET FIRET FIRET FOR SEG 10 NO: 265:
ATRANDEDNESS: Single
FIRET FIR
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Sequence 3, Application US/09956279;
Publication No. US20020086422A1
GENERAL INFORMATION:
GENERAL INFORMATION:
HAPLICANT: APPLICANT: Weiseman, Irving L.
APPLICANT: ARashi, Koichi
FITLE OF INVENTION: MAMBALIAN WELOID PROGENITOR CELL
TITLE OF INVENTION: MAMBALIAN WELOID PROGENITOR CELL
TITLE OF INVENTION: MAMBER: US/09/956,279
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: 09/607,529
PRIOR APPLICATION NUMBER: 60/141,421
PRIOR APPLICATION NUMBER: 60/141,421
PRIOR FILING DATE: 1999-06-29
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 1; Le
8.8e+02;
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                           PRIOR FILING DATE: 1997-04-21
PRIOR PLING DATE: 1994-06-21
PRIOR PLING DATE: 1994-06-21
PRIOR PLING DATE: 1994-06-21
PRIOR PLING DATE: 1991-06-21
PRIOR PLING DATE: 1991-12-24
PRIOR PRING DATE: 1991-12-24
PRIOR PELING DATE: 2000-03-01
PRIOR PLING DATE: 2000-03-01
PRIOR PLING DATE: 1998-07-06
PRIOR FILING DATE: 1998-07-06
PRIOR PRING DATE: 1998-07-06
PRIOR PRING DATE: 1997-07-08
PRIOR PRING DATE: 1997-07-08
PRIOR PRING DATE: 1997-07-08
PRIOR PRING DATE: 1997-07-08
PRIOR PLING DATE: 1997-07-08
PRIOR PLING DATE: 1993-04-03
PRIOR PLING DATE: 1993-0-03
PRIOR PLING DATE: 1993-10-21
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PARCHIN VERSION 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
            US 08/861,306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2344 AGTGCTGGGATTACAGGCAT 2363
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1695 TTTACATGTGCAAAGAAGCT 1714
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            APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-799-848-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapiens
US-09-956-279-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQ ID NO 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local
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Sequence 24, Application US/09799848

Patent No. US20010044145A1

GENERAL INFORMATION:

APPLICANT: Cook, Phillip

APPLICANT: Cook, Phillip

APPLICANT: Lima, Walter

TILE OF INVENTION:

PILE REFERENCE: ISPH-0521

CURRENT APPLICATION NUMBER: US/09/799,848

PILE REFERENCE: ISPH-0521

CURRENT FILING DATE: 1999-06-30

PRIOR APPLICATION NUMBER: US 09/684,254

PRIOR PILING DATE: 1998-12-02

PRIOR PILING DATE: 1999-12-02

PRIOR PILING DATE: US 09/453,514

PRIOR PLING DATE: US 09/453,514
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Pred. No. 8.8e+02;
0; Mismatches 0; Indels
  ANTISENSE MODULATION OF HUMAN MDM2
EXPRESSION
271
                                                                                                                                                                                                           COMPUTER READABLE FORM:

COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERRECT 6.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/752,983
TITLE OF INVENTION: ANTISENSE MODULATION OF HUNTING OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271

NUMBER OF SEQUENCES: 271

ADDRESSEB: Law Offices of Jane Massey Licata STREET: 66 East Main Street
CITY: Marlton STATE: NJ

COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
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HBER: US 09/144,611
1998-08-31
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ISPH-0346
                                                                                                                                                                                                                                                                                                                                                                                                                               CLASSIFCATION:
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: «Unknown»
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-034
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 1999-APPLICATION NUMBER:
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US-09-752-983-268
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APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
Graham, Brett P. Monia
TITLE OF INVENTION: ANTISESS CLICONICLECTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
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CORRESPONDENCE ADDRESS:
CORRESPONDENCE ADDRESSE:
CORRESPONDENCE ADDRESSE:
CORREST: 66 East Main Street
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APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: «UNKnown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                      NAME: Licata, Jane Massey
REGIGTRATION NUMBER: 32,287
REFERENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; SEQUENCE DESCRIPTION: SEQ ID NO: 4:
US-09-851-771A-4
     FILING DATE: 09-May-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 5, Application US/09851771A Patent No. US20020151511A1 GENERAL INFORMATION:
                                                                                                               FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               37 GGCCCTGTGTCGGAAGA 56
                                                                                                                                                                                                                                                                                     TELEPHONE: 609-779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 GGCCCTGTGTGTCGGAAGA 1
                                                                                                                                                                                                                                                                                                          TELEPAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ANTI-SENSE: Yes
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-851-771A-5/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 506
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Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
                                                       MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER READBLE FORM:
MEDIUM TYBE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 20;
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ADDRESSE: Law Offices of Jane Massey Licata STRET: 66 East Main Street
CITY: Marlton
STATE: NJ
                                                                                                                                      ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                    CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION DATA:
FILING DATE: 09-May-2001
FILING DATE: 1998-03-26
ATTORNEY AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTATION NUMBER: 1SPH-0302
TELECOMMUNICATION INFORMATION:
TELEFRANCE/DOCKET NUMBER: ISPH-0302
TELEFRANCE/DOCKET NUMBER: ISPH-0302
TELEFRANCE/DOCKET NUMBER: ISPH-0302
TELEFRANCE/DOCKET NUMBER: SEPH-0302
TELEFRANCE/DOCKET NUMBER: SEPH-0303
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                              NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SECUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TOPOLOGY: Linear
                                                                                                                                                                                                                                                        COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
                                                                                                                                                                                                CITY: Marlton
STATE: NJ
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US-09-851-771A-4/c
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                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                               Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 20;
                                                                                                                    Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                        CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb
COMPUTER: IBM 486
OPERATING SYSTEM: MINDOWS FOR WORKGROUPS
SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-MSy-2001
CLASSIFICATION: UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 20; DB 1; Le
Pred. No. 8.8e+02;
                                                                             0.8%; Score 20; DB 1; Le
100.0%; Pred. No. 8.8e+02;
iive 0; Mismatches 0;
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100.0%; Pred. No. ...
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICATION NUMBER: 09/048,810
                    ; SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-09-851-771A-5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 6:
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                                                                                                                                                                                                                                                                                              Sequence 6, Application US/09851771A Patent No. US20020151511A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 508
US-09-851-771A-7/c
; Sequence 7, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
                                                                                                                                                           95 CTCTGACCGAGATCCTGCTG 114
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                              20 crcrcacceacarcerecre 1
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INFORMATION FOR SEQ ID NO: 6:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQUENCES: 32
                                                                           Query Match
Best Local Similarity 100.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8
Best Local Similarity 100.
Matches 20; Conservative
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ANTI-SENSE: Yes
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION NATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <UNknown>
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE DILGONUCLECTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                      NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
Law Offices of Jane Massey Licata
STREET: 66 East Main Street
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OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0302
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-09-851-771A-7
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 8, Application US/09851771A Patent No. US20020151511A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   181 GAGAGTGGAATGATCCCCGA 200
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 609-810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: DISKE
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                                                                                                                                                                                                                                                   U.S.A.
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ZIP: 08053
                                                                                                                                                                                                         CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Marlton
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                                                                                                                                                                                                                                                           COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-09-851-771A-8/c
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Gaps ö

0; Indels

Length 20;

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APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN MDM2 EXPRESSION
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COMPUTER READABLE FORM:
MEDIUM TYPE. DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <under color of the color of the
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ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                     DB 1; Le
8.8e+02;
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ilarity 100.0%; Pred. No. 8.8e+02;
Conservative 0; Mismatches 0;
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APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                     Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
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US-09-851-771A-10
                                              ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO:
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; Sequence 10, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INPORMATION:
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INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
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TOPOLOGY: Linear
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                  TOPOLOGY: Linear
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COUNTRY: U.S.A.
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Matches 20; Conserva
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                                                                                                                US-09-851-771A-9
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 468
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <UNKNOWN>
PRIOR APPLICATION OF THE CASSIFICATION OF THE CASSIFI
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Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
CITY: Marlton
                                                                                                                                                                                                                                                                                    ATTURNBIA ADENA INFORMATION.

NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFRENCE/DOCKET NUMBER: 1SPH-0302
TELEPHONE: 609-779-2400
TELEPHONE: 609-810-1454
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <10Acmoun>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-851-771A-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 9, Application US/09851771A Patent No. US20020151511A1 GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 100. Matches 20, Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 510
US-09-851-771A-9/c
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Length 20;

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FELEFAX: 609-810-1454
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TYPE: Nucleic Acid
    CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
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                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: U.S.A. ZIP: 08053
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         ANTI-SENSE: Yes
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-09-851-771A-13/c
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         APPLICANT: Locen J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Locen J. Miraglia, Pamela Nero, Mark J.
Craham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE OLICONUCLEOTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COMPUTER TRADABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: 1BM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
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                                                                                                                                                         ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 Bast Main Street
                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-MAY-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            REFERENCE/DOCKET NUMBER: ISPH-0302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Pred. ...
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SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-851-771A-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 12, Application US/09851771A Patent No. US20020151511A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
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INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
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                                                                                                                                      CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: Linear
                                                                                                                                                                                                                                                  COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: U.S.A.
                                                                                                                                                                                                   CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Marlton
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GENERAL INFORMATION:
                                                                                                                                                                                                                           STATE: NJ
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Matches 20; Conserv
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Graham, Brett. P. Monia
TITLE OF INVENTION: ANTISENSE DILGONUCLECTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
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OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 1; Le 8.8e+02;
                                                                                                                                                                      NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 15PH-0302
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEPAX: 609-779-2400
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TENTE: Nucleic Acid
STRANDEDNESS: Single
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY, AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <URNOWN>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
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ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REGISTRATION NUMBER: 1257
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
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Best Local Similarity 100.0%; Pred. No. 8.8
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tent No. US20020151511A1 GENERAL INFORMATION:
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUDS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
REPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: «Unknown»
                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                           Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.8%; Score 20; DB 1; L. 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0302
TELECOMMUNICATION:
TELEPHONE: 609-779-2400
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                                    ANTI-SENSE: Yes
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SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-851-771A-13
                                                                                                                                                                                                                                                                                                            RESULT 515
US-09-851-771A-14/c
Sequence 14, Application US/09851771A
Patent No. US20020151511A1
GENERAL INFORMATION:
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US-09-851-771A-15/c
; Sequence 15, Application US/09851771A
                                                                                                                                                                                                           1047 AGTGTAGAATTTGAAGTTGA 1066
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TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                             20 AGTGTAGAATTTGAAGTTGA 1
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INFORMATION FOR SEQ ID NO: 14:
SEQUENCE CHARACTERISTICS:
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.
Matches 20, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CITY: Marlton
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Sequence 16, Application US/09851771A
Setent No. US20020151511A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
                    Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
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STATE: NJ
COUTRY: U.S.A.
ZIP. 08053
COMPUTER READABLE FORM:
MEDIUW TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
                                                                                                                                                                                                                                                                                                     COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 20;
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APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
                                                                                                                                                  ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                       COMPUTER: 1BM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIPICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1; Le
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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US-09-851-771A-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICATION NUMBER: 09/048,810
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TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 609-810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 15
SEQUENCE CHARACTERISTICS
                                                                                                   NUMBER OF SEQUENCES: 32
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                                                                                                                             CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FOPOLOGY: Linear
                                                                                                                                                                                                                                                      COUNTRY: U.S.A. ZIP: 08053
                                                                                                                                                                                                    CITY: Marlton
STATE: NJ
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STRANDEDNESS: Single
      TYPE: Nucleic Acid
                                                TOPOLOGY: Linear ANTI-SENSE: Yes
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                                                                                                                                                                                                                                                                                                                                                                                      US-09-851-771A-18/c
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US-09-851-771A-19/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFCT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: vUNKnown>
PRIOR APPLICATION DATA:
                                                                                                                                                                                            NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFECONDUIST 12,257
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 16:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                       APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-851-771A-16
                                                                                                    PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
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FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 17, Application US/09851771A Patent No. US20020151511A1 GENERAL INFORMATION:
SOFTWARE: WORDPERFECT 5.1 CURRENT APPLICATION DATA:
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LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 32
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STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ANTI-SENSE: Yes
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Sequence 18, Application US/09851771A
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J.
TILLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE
MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM, WINDOWS FOR WORKGROUPS
SOFTWARR: WORDERFRECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <UNKnown>
PRIOR APPLICATION DATA:
                                                                    Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 20;
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ADDRESSE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
CITY: Marlton STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 20; DB 1; Le
100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
TELECOMMUNICATION INFORMATION:
TELEPRONE: 609-779-2400
SEQUENCE DESCRIPTION: SEQ ID NO: 17:
US-09-851-771A-17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-09-851-771A-18
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                                                                                                                                                                    1785 TAGTTGACCTGTCTATAAGA 1804
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           INFORMATION FOR SEQ ID NO: 18
SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 08053
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 32
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Best Local Similarity 100.0
Matches 20; Conservative
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COMPUTER READABLE FORM:

MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
CORPUTER: IBM 486
CORREATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDFREFCT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION NUMBER: 09/048,810
RRIOR APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY AGENT INFORMATION:
         OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 1; Le
. 8.8e+02;
                      SOFTWARE: WORDPERFECT 5.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-MAY-2001
CLASSIFICATION: <UNknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                          NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
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REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0302
TELECOMMUICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEPHONE: 609-810-1454
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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SEQUENCE DESCRIPTION: SEQ ID NO: 20:
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; Sequence 21, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2132 AGTGCAGTGGGTGATCTTGG 2151
                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 609-779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 AGTGCAGTGGGTGATCTTGG 1
                                                                                                                                                                                                                                                                                                                                                             TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: Nucleic Acid
STRANDEDNESS: Single
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CITY: Mariton
STATE: NJ
COUNTRY: U.S.A.
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                                                             APPLICANT: Locren J. Miraglia, Pamela Nero, Mark J. Graham, Brett P. Monia TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN MDM2 EXPRESSION
                                                                                                                                                                                                                                                                                                                             COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
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100.0%; Pred. No. 8.8e+02;
Live 0; Mismatches 0; Indels
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TITLE OF INVENTION: ANTISENSE OLIGONUCLECTIDE
                                                                                                                                                             NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 Bast Main Street
CITY: Marlton
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ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION - UNKnown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32.257
REFRENCE/DOCKET NUMBER: ISPH-0302
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
INFORMATION FOR SEQ ID NO: 19:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-851-771A-19
Sequence 19, Application US/09851771A
Patent No. US20020151511A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 20, Application US/09851771A Patent No. US20020151511A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CHARACTERISTICS
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MEDIUM TYPE: DISKE:
COMPUTER: IBM 486
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Matches 20; Conservative
                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANTI-SENSE: Yes
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Length 20;
                                            Indels
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ADDRESSEE: Law Offices of Jane Massey Licata
STREET: 66 East Main Street
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                          Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                      Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS SOFTWARE: WORDERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <Unknown>
                                                                                                                                                      Query Match
0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: 1SPH-0302
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
                                                              ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 21:
US-09-851-771A-21
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US-09-851-771A-22
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FILING DATE: 1998-03-26
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                            US-09-851-771A-22/c
; Sequence 22, Application US/09851771A
; Patent No. US20020151511A1
; GENERAL INPORMATION:
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TYPE: Nucleic Acid
STRANDEDNESS: Single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZIP: 08053
COMPUTER READABLE FORM:
                                              TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.8
Best Local Similarity 100.
Matches 20; Conservative
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RESULT 524

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APPLICANT: Guzaev, Andrei P.
APPLICANT: Guzaev, Andrei P.
APPLICANT: Manoharan, Muthiah
TITLE OF INVENTION: Process for Preparing Peptide Derivatized Oligomeric Compounds
TITLE OF INVENTION PROCESS
CURRENT APPLICATION NUMBER: US/09/949,474
CURRENT APPLICATION NUMBER: 09/658,517
PRIOR APPLICATION UNDER: 09/658,517
PRIOR PILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.1
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 20;
                                                                      APPLICANT: Loren J. Miraglia, Pamela Nero, Mark J. Graham, Brett P. Monia Graham, Brett D. Monia Graham, TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF HUMAN MDM2 EXPRE
                                                                                                                                                                                                                   ADDRESSEE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
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8.8e+02;
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APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: <unversely-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
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FILING DATE: 1998-03-26
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Pred. No.
Sequence 25, Application US/09851771A Patent No. US20020151511A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION
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100.0%; Pre
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INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                      NUMBER OF SEQUENCES: 33 CORRESPONDENCE ADDRESS
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Best Local Similarity 100.
Matches 20; Conservative
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                                                                                                                                                                                                                                                                   CITY: Marlton
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LENGTH: 20
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JS-09-541-848-3
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Publication No. US20020182669A1
GENERAL INFORMATION:
APPLICANT: Bech-Hansen, Torben
TITLE OF INVENTION: GPI-Anchored Small Leucine-Rich Proteoglycan Gene NYX
FILE REPRENCE: 454599-2
CURRENT APPLICATION NUMBER: US/09/9853,753
CURRENT PILING DATE: 2001-05-17
PRIOR PLILNG DATE: 2000-05-12
PRIOR PLILNG DATE: 2000-05-12
NUMBER OF SEQ ID NOS: 14
SOPTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: PCR primer
NAME/KEY: misc_feature
LOCATION: (1)...(20)
CHER INFORMATION: reverse primer for polymorphism 506B13CA (DXS10042)
US-09-853-753-4
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| Publication No. US2030119765A1
| GENERAL INFORMATION:
| APPLICANT: CHEN, Jiandong
| APPLICANT: AGRAWAL, Sudhir
| FILE REFERENCE: 29924/98057C
| CURRENT FILING DATE: 2000-04-03
| PRIOR FILING DATE: 1998-08-26
| PRIOR FILING DATE: 1998-08-26
| PRIOR APPLICATION NUMBER: 09/073,567
| PRIOR APPLICATION NUMBER: 09/073,567
| PRIOR APPLICATION NUMBER: 09/073,567
| PRIOR FILING DATE: 1998-08-26
| PRIOR FILING DATE: 1998-08-26
| PRIOR FILING DATE: 1998-08-26
| ROWERS OF SEQ ID NOS: 51
| LENTH: 20
| LENTH: 20
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                                                                                                    Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
                         ; OTHER INFORMATION: No. US20020156235A1el Sequence US-09-949-474-2
                                                                                                                                                                                                                 1695 TITACATGTGCAAAGAAGCT 1714
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ORGANISM: Artificial Sequence
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LENGTH: 20
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FEATURE:
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Publication No. US20030119765A1

GENERAL INFORMATION:

APPLICANT: CHEN, Jiandong

TITLE OF INVENTION: NUMBER: US/09/541,848

CURRENT APPLICATION NUMBER: US/09/541,848

CURRENT PILING DATE: 2000-04-03

FRIOR FILING DATE: 1999-08-26

FRIOR PILING DATE: 1999-08-26

FRIOR PILING DATE: 1999-08-66

FRIOR PILING DATE: 1999-08-61

FRIOR PILING DATE: 1999-08-61

FRIOR PILING DATE: 1997-08-22

MUMBER OF SEQ ID NOSE: SI

SOFTWARE: PATENTIN VOS: 2.0

SEQ ID NO 4

SEQ ID NO 4

TYPE: DNA
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                                                      Length 20;
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                                                      DB 1; Le
. 8.8e+02;
                                                    Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
; OTHER INFORMATION: oligonucleotide S4
US-09-541-848-2
                                                                                                                            481 TTGGCCAGTATATTATGACT 500
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ORGANISM: Artificial Sequence
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1 ccascrrcssaccascac 20
                                       TYPE: DNA ORGANISM: Artificial Sequence
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     SEQ ID NO 8
                                                                             FEATURE:
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                                                                                                                                                   Gaps
                                                                                                                                                                                                                                                                                               Sequence 8, Application US/09541848
| Publication No. US20030119765A1
| GENERAL INFORMATION:
| APPLICANT: CHEN, Jiandong
| APPLICANT: AGRAWAL, Sudhir
| APPLICANT: AGRAWAL, Sudhir
| APPLICANT: ABANG, Ruiwen
| TILLE OF INVENTION: WHO.MS. 19924/98057C
| CURRENT APPLICATION: WHO.MS. 1000-04.03
| PRIOR FILING DATE: 1999-08-26
| PRIOR PLICATION NUMBER: 09/333,507
| PRIOR PLICATION NUMBER: 09/333,507
| PRIOR PLICATION NUMBER: 09/333,507
| PRIOR PLICATION NUMBER: 09/073,567
| PRIOR FILING DATE: 1999-08-26
| PRIOR PLICATION NUMBER: 08/916,834
| PRIOR FILING DATE: 1997-08-25
| NUMBER OF SEQ ID NOS: 51
| SOFTWARE: PALENTIN VON NUMBER: 1997-08-25
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                                                                                                         Query Match
0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                OTHER INFORMATION: Description of Artificial Sequence: CTHER INFORMATION: Oligonucleotide S7
US-09-541-848-4
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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ORGANISM: Artificial Sequence FEATURE:
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; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
; APPLICANT: ZHANG, Ruiwen
; TITLE OF INVENTION: Who MAR-S-PECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 29924/98057C
; CURRENT FILING DATE: 29924/98057C
; CURRENT FILING DATE: 09924/98057
; PRIOR APPLICATION NUMBER: 09/383,507
; PRIOR FILING DATE: 1999-08-26
; PRIOR FILING DATE: 1999-08-26
; PRIOR FILING DATE: 1999-08-05-06
; PRIOR PLING DATE: 09/098-05-06
; PRIOR PLING DATE: 09/098-05-06
; PRIOR PLING DATE: 09/098-05-06
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Sequence 9, Application US/09541848
Publication No. US20030119765A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: AGRAWAL, Sudmir
APPLICANT: ZHANG, Ruiwen
TITLE OF INVENTION: MO-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                  Length 20;
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) OTHER INFORMATION: Description of Artificial Sequence:

) OTHER INFORMATION: Oligonucleotide S2

US-09-541-848-8
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; OTHER INFORMATION: oligonucleotide S3
US-09-541-848-9
                                                                                                                         Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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CURRENT APPLICATION NUMBER: US/09/541,848

CURRENT FILING DATE: 2000-04-03

PRIOR PILING DATE: 1999-08-26

PRIOR PILING DATE: 1998-08-66

PRIOR PILING DATE: 1999-08-06

PRIOR PILING DATE: 1999-08-06

PRIOR PILING DATE: 1999-08-06

PRIOR PILING DATE: 1999-08-06

PRIOR PILING DATE: 1999-08-05

NUMBER OF SEQ ID NOS: 51

SOFTWARE: PALENTIN VET: 2.0

LENGTH: 20
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JS-09-541-848-14
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Matches
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Publication No. US20030119765A1

GENERAL INFORMATION:
APPLICANT: CHEN, Jiandong
APPLICANT: CHEN, Jiandong
APPLICANT: ARANG, Ruiwen
FILE OF INVENTION: MD-M3-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT APPLICATION NUMBER: US/09/541,848
CURRENT FILING DATE: 2900-04-03
FRIOR PLING DATE: 1999-08-26
PRIOR PLLING DATE: 1999-08-26
PRIOR PLLING DATE: 1999-08-26
PRIOR PLLING DATE: 1999-08-26
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 11
LENGTH: 20
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Publication No. US20030119765A1
GENERAL INFORMATION:
APPLICANT: CHEN, Uliandong
APPLICANT: CHANG, Uliandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ACARAWAL, Sudhir
APPLICANT: APPLICATION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT APPLICATION NUMBER: US/09/541,848
CURRENT FILING DATE: 2000-04-03
PRIOR APPLICATION UNDER: 09/383,507
PRIOR FILING DATE: 1999-08-26
                                                                                                                                                                                                                                                                            Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
JOTHER INFORMATION: Oligonucleotide S6
US-09-541-848-10
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OTHER INFORMATION: oligonucleotide S8
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       1997-08-22
                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
PRIOR FILING DATE: 1997-08-2
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 10
LENGTH: 20
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Best Local Similarity 100.(
Matches 20; Conservative
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US-09-541-848-11
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APPLICANT: AGRAWAL, Sudhir
APPLICANT: AGRAWAL, Sudhir
APPLICANT: AGRAWAL, Sudhir
APPLICANT: AGRAWAL, Sudhir
TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT PILING DATE: 1999-08-26
PRIOR APPLICATION NUMBER: 09/033,507
PRIOR FILING DATE: 1999-08-26
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR APPLICATION NUMBER: 08/916,834
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 08/916,834
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 14
LENGTH: 20
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Sequence 15, Application US/09541848
Sequence 15, Application US/09541848
Sequence 15, Application US/09541848
GENERAL INFORMATION:
APPLICANT: CHEN, Jiandong
APPLICANT: ZHAWAL, Sudhir
APPLICANT: ZHAWAL, Sudhir
APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: APPLICANT: ZHAWAL, SUGHIR
FILE REFERENCE: 29924/98057C
CURRENT APPLICATION NUMBER: US/09/541,848
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide S5-1
US-09-541-848-13
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OTHER INFORMATION: oligonucleotide S5-2
US-09-541-848-14
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8.8e+02;
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 08/916,834
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 13
LENGTH: 20
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FILE REFERENCE: 29924/98057C

CURRENT APPLICATION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES

CURRENT APPLICATION NUMBER: US/09/541,848

CURRENT FILING DATE: 2000-04-03

PRIOR FILING DATE: 1999-08-26

PRIOR FILING DATE: 1999-08-26

PRIOR FILING DATE: 1999-08-26

PRIOR FILING DATE: 1998-05-06

PRIOR FILING DATE: 1998-05-06

NUMBER OF SEQ ID NOS: 51

SOFTWARE: PALENTIN NUMBER: 08/216,834

NUMBER OF SEQ ID NOS: 51

SEQ ID NO 17

LENGTH: 20

THE FILING DATE: 1005-08-05

SEQ ID NO 17

THE FILING DATE: 1997-08-22

SEQ ID NO 17

THE FILING DATE: 1005-08-05

THE FILING DATE: 1997-08-22

THE FILING DATE: 1997-08-25

THE FILING DATE: 1997-08-25

THE FILING DATE: 1997-08-25

THE FILING DATE: 1997-08-25

THE FILING DATE: 1998-05-06

THE FILING DATE: 1998-06-05

THE FILING DATE: 1998-05-06

THE FILING
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US-09-541-84-18

Sequence 18, Application US/09541848

Publication No. US20030119765A1

GENERAL INFORMATION:

APPLICANT: CHEN, Jiandong

APPLICANT: AGRAWAL, Sudhir

APPLICANT: ZHANG, Ruiwen

ITILE OF INVENTION: MOM-SPECIFIC ANTISENSE OLIGONUCLEOTIDES

FILE REFERENCE: 29924/98057C

CURRENT APPLICATION NUMBER: US/09/541,848

CURRENT FILING DATE: 2000-04-03

PRIOR APPLICATION NUMBER: 09/38,507

PRIOR FILING DATE: 1999-08-26

PRIOR FILING DATE: 1999-06-06

PRIOR FILING DATE: 1999-06-06

PRIOR FILING DATE: 1999-05-06

SPIOR FILING DATE: 1999-05-06

NUMBER OF SEQ ID NOS: 51

SOFTWARE: Patentin Ver. 2.0

SEQ ID NOS: 51

SEQ ID NOS: 51
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) OTHER INFORMATION: Oligonucleotide S5-6

US-09-541-848-18
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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Publication No. US20030119765A1

GENERAL INFORMATION:

APPLICANT: AGRAWAL, Sudhir

APPLICANT: AGRAWAL, Sudhir

TITLE OF INVENTION:

CURRENT FILING DATE: 29924/98057C

CURRENT FILING DATE: 1999-08-26

PRIOR PELICATION NUMBER: 09/033,507

PRIOR PELICATION NUMBER: 09/033,507

PRIOR PELICATION NUMBER: 09/033,567

PRIOR APPLICATION NUMBER: 09/033,567

PRIOR APPLICATION NUMBER: 09/073,567

PRIOR PELING DATE: 1999-08-05

NUMBER OF SEQ ID NOS: 2.0
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100.0%; Pred. No. 8.8e+02;
vative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Description of Artificial Sequence: CTHER INFORMATION: oligonucleotide S5-3
US-09-541-848-15
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                                                                                       CURRENT FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 09/383,507
PRIOR FILING DATE: 1999-08-26
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 08/916,834
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PATENTIN Ver. 2.0
                                                                                   2000-04-03
IBER: 09/383,507
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Publication No. US20030119765A1
GENERAL INFORMATION:
APPLICANT: CHEN, Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG, Ruiwen
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 680 TGAGAACAGGTGTCACCTTG 699
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TYPE: DNA
ORGANISM: Artificial Sequence
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US-09-541-848-17
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LENGTH: 20
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LENGTH: 20
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APPLICANT: CHEAN, Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG, Ruiwen
APPLICANT: ZHANG, Ruiwen
TITLE OF INVENTION: Mb-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
TITLE OF INVENTION: Wb-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT APPLICATION NUMBER: 09/383,507
PRIOR FILING DATE: 1992-08-26
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR FILING DATE: 1996-05-06
PRIOR FILING DATE: 1996-05-06
PRIOR FILING DATE: 1996-05-06
PRIOR FILING DATE: 1996-05-06
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 21
LENGTH: 20
Sequence 21, Application US/09541848 Publication No. US20030119765A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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              APPLICANT: AGGRAWAL, SUGHIT
APPLICANT: AGGRAWAL, SUGHIT
TILLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT FILING DATE: 29924/98057C
CURRENT FILING DATE: 2000-44-03
PRIOR APPLICATION NUMBER: 09/383,507
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1999-08-66
PRIOR FILING DATE: 1997-08
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Publication No. US20030119765A1

GENERAL INFORMATION:

APPLICANT: CHEM, Jiandong

APPLICANT: ZHANG, Ruiwen

TITLE OF INVENTION:

MORENT EFFRENCE: 29224/98057C

CURRENT APPLICATION NUMBER: US/09/541,848

CURRENT APPLICATION NUMBER: 09/033,507

PRIOR PILING DATE: 12090-04-03

PRIOR FILING DATE: 1999-08-26

PRIOR PAPLICATION NUMBER: 09/073,567

PRIOR PAPLICATION NUMBER: 09/073,567

PRIOR PAPLICATION NUMBER: 09/073,567

PRIOR APPLICATION NUMBER: 09/073,567

PRIOR PRING DATE: 1999-08-26

PRIOR PELING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 51

SOFTWARE: PatentIn Ver: 2.0

LENGTH: 20
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OTHER INFORMATION: Description of Artificial Sequence:

OTHER INFORMATION: oligonucleotide S5-7
US-09-541-848-1-848-1
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) OTHER INFORMATION: oligonuclectide S7-1
US-09-541-848-20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AAGGACCTTGTACAAGAGCT 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT:
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US-09-541-848-23

Sequence 23, Application US/09541848

Publication No. US20030119765A1

GENERAL INFORMATION:

APPLICANT: CHEN, Jiandong

APPLICANT: CHEN, Jiandong

APPLICANT: ZHANG, Ruiwen

TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES

FILE REFERENCE: 29924/80657C

CURRENT FILING DATE: 19924/80657C

CURRENT FILING DATE: 19924-03

PRIOR APPLICATION NUMBER: 09/073,567

PRIOR APPLICATION NUMBER: 09/073,567

PRIOR FILING DATE: 1998-05-06

PRIOR FILING DATE: 1999-08-26

NUMBER: OF SEQ ID NOS: 51

SOFTWARE: PALENTIN VUMBER: 08/916,834

PRIOR FILING DATE: 1997-08-22

NUMBER: OF SEQ ID NOS: 51

SOFTWARE: PALENTIN VUMBER: 08/916,834

PRIOR FILING DATE: 1997-08-22

NUMBER: OF SEQ ID NOS: 51

SOFTWARE: PALENTIN VUMBER: 08/916,834
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                                                                                                                           Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide S7-4
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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US-09-541-848-21

RESULT 543

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LENGTH: 20
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| FUDLICANT NO. USZUDJIJY 023A1
| APPLICANT AGRAMAL, SUGhir
| APPLICANT AGRAMAL, SUGhir
| APPLICANT ZHANG, Ruiwen
| TITLE OF INVENTION MD-2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES.
| FILE REFERENCE: 29924/98057C
| CURRENT APPLICATION NUMBER: US/09/541,848
| CURRENT APPLICATION NUMBER: 09/383,507
| PRIOR FILING DATE: 1999-08-26
| PRIOR FILING DATE: 1999-08-26
| PRIOR FILING DATE: 1998-05-06
| PRIOR FILING DATE: 1999-08-26
| PRIOR FILING DATE: 1998-05-06
| PRIOR FILING DATE: 1998-05-06
| NUMBER OF SEQ ID NOS: 51
| SOFTWARE: PatentIn Ver. 2.0
                                                                                                                                          APPLICANT: CHEN, Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHAGK, Ruiwen
TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT PELLON NUMBER: US/09/541,848
CURRENT FILING DATE: 1990-08-26
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1997-08-21
SRIOR FILING DATE: 1997-08-21
SRIOR FILING DATE: 1997-08-21
SRIOR FILING DATE: 1997-08-22
SRIOR FILING DATE: 1997-08-22
SOFTWARE: PARCHIN VET. 2.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide S7-5
US-09-541-848-8-88
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US-09-541-848-27
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                                                              Sequence 24, Application US/09541848
Publication No. US20030119765A1
GENERAL INFORMATION:
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Publication No. US20030119765A1
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ORGANISM: Artificial Sequence
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LENGTH: 20
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; Sequence 29, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWL, Sudhir
; APPLICANT: ARRAWL, Sudhir
; APPLICANT: ARRAWL, Sudhir
; TILLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
; FILE REPREENCE: 29924/98057C
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT PILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/103,567
; PRIOR FILING DATE: 1998-05-06
; PRIOR FILING DATE: 1998-05-06
; PRIOR FILING DATE: 1998-05-06
; RIOR APPLICATION NUMBER: 08/916,834
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFFWARE: PATENTIN Ver. 2.0
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OTHER INFORMATION: Oligonucleotide ASS
US-09-541-848-28
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; OTHER INFORMATION: oligonucleotide AS7
US-09-541-848-29
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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JS-09-541-848-32/c
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| Publication No. US20030119765A1
| GENERAL INFORMATION:
| APPLICANT: CHEN, Jiandong
| APPLICANT: AGRAWAL, Sudhir
| TILLE ON THE SET 1000 NOW SET 1000 NOS SET 10
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      0; Indels
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, OTHER INFORMATION: oligonuclectide ASI
US-09-541-848-30
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) OTHER INFORMATION: oligonucleotide AS2
US-09-541-848-31
      0; Mismatches
                                                                     1018 TGGATCAGGATTCAGTTTCA 1037
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                                                                                                               20 TGGATCAGGATTCAGTTTCA 1
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
Matches 20; Conservative
                                                                                                                                                                                                                                   RESULT 549
US-09-541-848-30/c
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LENGTH: 20
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Publication No. US20030119765A1

GENERAL INFORMATION:
APPLICANT: CHEN, Jandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG, Ruiwen
TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REPERENCE: 2924/40867C
CURRENT FILING DATE: 2000-04-03
RIOR APPLICATION NUMBER: US/09/541,848
CURRENT FILING DATE: 1090-06-26
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR PLING DATE: 1997-08-26
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin Ver: 2.0
SEQ ID NO 32
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: CHEAN, Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHAG, Ruiwen
TITLE OF INVENTION: MU-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
TITLE REFERENCE: 29924/98057C
CURRENT APPLICATION NUMBER: 09/383,507
PRIOR PILING DATE: 1999-08-26
PRIOR PILING DATE: 1999-08-26
PRIOR FILING DATE: 1999-05-06
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 33
LENGTH: 20
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  Length 20;
                                                     0; Indels
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Query Match
0.8%; Score 20; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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                                                                                                        369 CCAGCTTCGGAACAAGAGAC 388
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ORGANISM: Artificial Sequence
FEATURE:
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| Publication No. US20030119765A1
| GENERAL INFORMATION:
| APPLICANT: CHEN, Jiandong
| APPLICANT: AGRAWAL, Sudhir
| TILLE OF INVENTION: NUMBER: US/09/541,848
| FILE REFERENCE: 29924/98057C
| CURRENT FILING DATE: 1990-08-26
| PRIOR PAPLICATION NUMBER: 09/33,567
| PRIOR PAPLICATION NUMBER: 09/073,567
| PRIOR PAPLICATION NUMBER: 08/916,834
| PRIOR FILING DATE: 1998-06-06
| PRIOR PLING DATE: 1997-08-25
| NUMBER OF SEQ ID NOS: 51
| SOFTWARE: PALENTIN UN NUMBER: 08/916,834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: CHEN, Jiandong
APPLICANT: CHEN, Jiandong
APPLICANT: ZHANG, Ruiwen
TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT APPLICATION NUMBER: US/09/541,848
CURRENT FILING DATE: 2000-04-03
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1999-08-66
PRIOR FILING DATE: 1999-08-66
PRIOR FILING DATE: 1999-08-66
PRIOR FILING DATE: 1999-08-66
PRIOR FILING DATE: 1999-08-26
PRIOR FILING DATE: 1999-08-66
PRIOR FILING DATE: 1999-08-66
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100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0; Indels
                                                                                                                Length 20
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OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide AS6
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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Publication No. US20030119765A1
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SOFTWARE: PatentIn Ver, 2.0
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Best Local Similarity
Matches 20; Conserva
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                                 ; ОГНЬК 1115.
US-09-541-848-33
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LENGTH: 20
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LENGTH: 20
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US-09-541-848-36/C

Sequence 36, Application US/09541848

PUblication No. US20030119765A1

GENERAL INFORMATION:

APPLICANT: CHEM. Jiandong

APPLICANT: AGRAWAL, Sudhir

APPLICANT: ZHANG, Ruiwen

TITLE OF INVENTION: MD-SPECIFIC ANTISENSE OLIGONUCLEOTIDES

FILE REFERENCE: 29924/98057C

CURRENT PILING DATE: 2004-03

CURRENT FILING DATE: 2004-04

PRIOR PILICATION NUMBER: 09/38,507

PRIOR FILING DATE: 1999-08-26

PRIOR FILING DATE: 1999-06-06

PRIOR FILING DATE: 1999-06-06

PRIOR FILING DATE: 1999-06-06

PRIOR APPLICATION NUMBER: 08/916,834

PRIOR PLING DATE: 1999-05-06

PRIOR APPLICATION NUMBER: 08/916,834

PRIOR APPLICATION NUMBER: 08/916,834

PRIOR SEQID NOS: 51

SOFTWARE: Patentin Ver. 2.0

SEQID NO 3 SECILE NUMBER: 200
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APPLICANT: CHEN. Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG. Ruiwen
TITLE OF INVENIION: MD-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
CURRENT APPLICATION NUMBER: US/09/541,848
CURRENT FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 09/383,507
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR FILING DATE: 1999-08-26
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR FILING DATE: 1998-05-06
PRIOR FILING DATE: 1998-05-06
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OGGANISM: Artificial Sequence
FRATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide AS5-1
US-09-541-848-35
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                               669 ACATCTGTGAGTGAGACAG 688
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ORGANISM: Artificial Sequence
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US-09-541-848-41/c
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Publication No. US20030119765A1

GENERAL INFORMATION:

APPLICANT: CHEM, Jiandong

APPLICANT: ZHAMAL, Sudhir

TITLE ON INVENTYON: MD-MS-SPECIFIC ANTISENSE OLIGONUCLEOTIDES

FILE REFERENCE: 29924/98057C

CURRENT FILING DATE: 2000-04-03

PRIOR FILING DATE: 1999-08-26

PRIOR PLICATION NUMBER: 09/333,507

PRIOR PLICATION NUMBER: 09/333,507

PRIOR PLICATION NUMBER: 09/333,607

PRIOR FILING DATE: 1998-05-06

PRIOR FILING DATE: 1998-05-06

PRIOR FILING DATE: 1998-05-06

SOFTWARE: PALCALION NUMBER: 08/916,834

PRIOR FILING DATE: 1998-05-06

SOFTWARE: PALCHING DATE: 20

SOFTWARE: PALCHING DATE: 20

SECOID NO 38
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Publication No. US20030119765A1
GENERAL INFORMATION:
APPLICANT: CHEN, Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG, Ruiwen
TILLE REPREBRICE: 29924/90557C
CURRENT APPLICATION NUMBER: US/09/541,848
CURRENT FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 09/383,507
PRIOR APPLICATION NUMBER: 09/383,507
PRIOR APPLICATION NUMBER: 09/303,567
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR PLING DATE: 1998-05-06
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100.0%; Pred. No. 8.8e+02;
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, OTHER INFORMATION: oligonucleotide ASS-3
US-09-541-848-37
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; OTHER INFORMATION: oligonucleotide ASS-4
US-09-541-848-38
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
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                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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Patentin Ver. 2.0
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US-09-541-848-38/c
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                       SEQ ID NO 37
SOFTWARE:
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; Sequence 40, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
    APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG, Ruiwen
; TITLE OF INVERTION: MD-M2-SEECIFIC ANTISENSE OLIGONUCLEOTIDES
; CURRENT APPLICATION NUMBER: US/09/541,848
; CURRENT FILING DATE: 29924/9805707
; PRIOR APPLICATION NUMBER: US/09/33,507
; PRIOR APPLICATION NUMBER: 09/073,567
; PRIOR FILING DATE: 1998-06-26
; PRIOR FILING DATE: 1998-06-26
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 40
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APPLICANT: AGRAMAL, Sudhir
APPLICANT: AGRAMAL, Sudhir
APPLICANT: ZHANG, Sudhir
APPLICANT: ZHANG, NUMAN
TITLE OF INTENTION: NUMBER: US/09/541, 848
CURRENT APPLICATION NUMBER: US/09/541, 848
PRIOR APPLICATION NUMBER: 09/383,507
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                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                            ) OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide AS5-5
US-09-541-848-39
        08/916,834
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Publication No. US20030119765A1
GENERAL INFORMATION:
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PRIOR APPLICATION NUMBER: 08/91(
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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Gaps
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Publication No. US20030119765A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG, Ruiwen
TITLE OF INVENTION:
CURRENT FILING DATE: 29924/98057C
CURRENT FILING DATE: 29924/98057C
CURRENT FILING DATE: 29924/98057C
CURRENT FILING DATE: 29924/98057C
FRIOR APPLICATION NUMBER: 09/38,507
FRIOR FILING DATE: 1999-08-26
FRIOR FILING DATE: 1999-08-26
FRIOR FILING DATE: 1999-08-26
FRIOR FILING DATE: 1999-08-26
FRIOR PILING DATE: 1999-08-26
FRIOR PILING DATE: 1997-08-25
FRIOR PILING DATE: 1997-08-25
FRIOR PILING DATE: 1997-08-22
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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OTHER INFORMATION: Description of Artificial Sequence:

OTHER INFORMATION: oligonucleotide AS7-2
US-09-541-848-43
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                     CURRENT APPLICATION NUMBER: US/09/541,848
                                                    CURRENT FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 09/383,507
PRIOR PILING DATE: 1999-08-05
PRIOR APPLICATION NUMBER: 09/073,567
PRIOR FILING DATE: 1998-05-06
PRIOR FILING DATE: 1998-05-06
PRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin Ver. 2.0
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US-09-541-848-46/c
; Sequence 46, Application US/09541848
; Publication No. US20030119765A1
; GENERAL INFORMATION:
; APPLICANT: CHEN, Jiandong
; APPLICANT: AGRAWAL, Sudhir
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ORGANISM: Artificial Sequence
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LENGTH: 20
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LENGTH: 20
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US-09-541-848-42/c

US-09-541-848-42/c

SEQUENCE 42, Application US/09541848

PUBLICACTION NO. US20030119765A1

GENERAL INFORMATION:
APPLICANT: CHEN, Jiandong
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG, Ruiwen
TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLICONUCLEOTIDES
FILE REPREBNCE: 29934/98057C

CURRENT FILING DATE: 29934/98057C

PRIOR APPLICATION NUMBER: US/09/541,848

PRIOR PLILNG DATE: 1998-05-06

PRIOR PLILNG DATE: 1998-05-06

PRIOR PLILNG DATE: 1998-05-06

PRIOR PLILNG DATE: 1998-05-06

PRIOR PLILNG DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 51

SOFTWARE: PatentIN Ver. 2.0

SEQ ID NO 42

LENGTH: 20
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Publication No. US20030119765A1
Publication No. US20030119765A1
APPLICANT: AGRAWAL, Sudhir
APPLICANT: AGRAWAL, Sudhir
APPLICANT: AGRAWAL, Sudhir
APPLICANT: ZHANG, Ruiwen
TITLE OF INVENTION: MD-WA-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29924/98057C
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US-09-541-848-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide AS5-7
US-09-541-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1-848-1
## PRIOR FILING DATE: 1999-08-26
| PRIOR APPLICATION NUMBER: 09/073,567
| PRIOR FILING DATE: 1998-05-06
| PRIOR APPLICATION NUMBER: 08/916,834
| PRIOR APPLICATION NUMBER: 08/916,834
| PRIOR PILING DATE: 1997-08-22
| NUMBER OF SEQ ID NOS: 51
| SEQ ID NO 41
| LENGTH: 20
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GENERAL INFORMATION:
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Publication No. US20030119765A1

GENERAL INFORMATION:

APPLICANT: CHEN, Jiandong

APPLICANT: ZHANG, Ruiwen

TITLE OF INVENTION:

APPLICANT: ZHANG, Ruiwen

TITLE OF INVENTION: MD-NA-SPECIFIC ANTISENSE OLICONUCLEOTIDES

FILE REFERENCE: 2992/48057C

CURRENT APPLICATION NUMBER: US/09/541,848

CURRENT FILING DATE: 2000-04-03

PRIOR FILING DATE: 1999-08-26

PRIOR FILING DATE: 1998-08-26

PRIOR APPLICATION NUMBER: 09/073,567

PRIOR APPLICATION NUMBER: 09/073,567

PRIOR APPLICATION NUMBER: 1998-08-26

PRIOR PRIOR DATE: 1998-08-26

PRIOR APPLICATION NUMBER: 09/073,567

PRIOR APPLICATION NUMBER: 09/073,567

PRIOR PRING DATE: 1997-08-22

NUMBER OF SEQ ID NOS: 51

SOFTWARE: Patentin Ver. 2.0

LENGTH: 20
APPLICANT: ZHANG, Ruiwen
TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLECTIDES
FILE REFERENCE: 29924/98057C
CURRENT APPLICATION WUBBER: US/09/541,848
CURRENT FILING DATE: 2000-04-03
FRIOR APPLICATION NUMBER: 09/93,507
PRIOR PILING DATE: 1999-08-02
PRIOR APPLICATION NUMBER: 09/073,567
FRIOR APPLICATION NUMBER: 09/073,567
FRIOR PILING DATE: 1998-05-06
FRIOR APPLICATION NUMBER: 09/073,567
FRIOR APPLICATION NUMBER: 09/073,567
FRIOR PILING DATE: 1999-08-22
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PALENTIN Ver. 2.0
SEQ ID NO 46
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                           FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
OTHER INFORMATION: oligonucleotide AS7-5
US-09-541-848-46
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide AS5-2H
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1038 GATCAGTTTAGTGTAGAATT 1057
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                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%
Best Local Similarity 100.0°
Matches 20; Conservative
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Best Local Similarity
Matches 20; Conserva
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US-09-541-848-47/c
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APPLICANT: Guzaev, Andrei P.
TITLE OF INVENTION: Inherefor
FITLE OF INVENTION: Therefor
FITLE OF INVENTION: Therefor
FILE REFERENCE: ISIS4723
CURRENT APPLICATION NUMBER: US/09/823,031
CURRENT FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 21
SOFTWARE: Patentin version 3.0
SEQ ID NO 3
LENGTH: 20
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APPLICANT: Ying, Vincent
APPLICANT: Ying, Vincent
APPLICANT: Gray, Gary, Gary
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REFERENCE: GNN-343.02
CURRENT APPLICATION NUMBER: US.010.02-27
PRIOR APPLICATION NUMBER: US.010.6.15
PRIOR APPLICATION NUMBER: US.09/534,061
PRIOR APPLICATION NUMBER: US.09/534,061
PRIOR APPLICATION NUMBER: US.09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 302
LENGTH: 20
TENGTH: 20
TENGTH: 20
THE TOTAL STATES TO
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. 8.8e+02;
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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US-10-270-861-27
Sequence 27, Application US/10270861
Sepulcation No. US20030077749A1
GENERAL INFORMATION:
APPLICANT: Adams, Sean
HAPLICANT: Pan, James
TITLE OF INVENTION: UCP5
FILE REFERENCE: P1663R2
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; OTHER INFORMATION: Oligonucleotide
US-09-823-031-3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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GENERAL INFORMATION:
Muthiah
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ORGANISM: Homo sapiens
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Best Local Similarity 100.
Matches 20; Conservative
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; ORGANISM: Homo Sapiens
US-10-002-623-731
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Best Local Similarity
Matches 20; Conserv
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LENGTH: 20
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Publication No. US20030134285A1
GENERAL INFORMATION:
APPLICANT: OFFURE, PETER J.
APPLICANT: UNDERHILL, PETER A.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: A PEPILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
TITLE OF INVENTION: POPULATIONS
FILE REFERENCE: STAN-212
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Publication No. US20030099989A1;
GENERAL INFORMATION:
APPLICANT CHERIFF, DOLTA
TITLE OF INVENTION:
FILE REFERENCE: GENSET.069AUS
CURRENT PAPLICATION NUMBER: US/10/251,699
CURRENT FILING DATE: 2002-09-19
PRIOR FILING DATE: 2002-09-19
PRIOR FILING DATE: 1999-10-15
NUMBER OF SEQ ID NOS: 3
: SEQ ID NO 1
LENGTH: 20
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100.0%; Pred. No. 8.8e+02;
ive. 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: sequence is synthesized US-10-270-861-27
                  CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: US/09/433,622
PRIOR PILING DATE: 1999-11-02
PRIOR PILING DATE: 1998-11-02
PRIOR PILING DATE: 1998-11-30
PRIOR PILING DATE: 1998-11-30
PRIOR PILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-04-16
PRIOR FILING DATE: 1999-07-15
NUMBER OF SEQ ID NOS: 36
NUMBER OF SEQ ID NOS: 36
LENGTH: 20
CURRENT APPLICATION NUMBER: US/10/270,861
CURRENT FILING DATE: 2002-10-15
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LOCATION: 1..20
OTHER INFORMATION: primer PCR Alu
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                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial
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Best Local Similarity
Matches 20; Conserv
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                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 1-20
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                                                                                                                                                                                                                                                                                             TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                      FEATURE:
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## Sequence 894, Application US/10002623

## Sequence 894, Application US/10002623

## Publication No. US2033134285A1

## Publication No. US2033134285A1

## APPLICANT: UNDERHIL, PETER J.

## APPLICANT: UNDERHILON APPLICATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN

## TITLE OF INVENTION: POPULATIONS

## PILE REFERENCE: STAN-212

## CURRENT FILING DATE: 2001-11-01

## PRIOR PPLICATION NUMBER: US 60/245,355

## PRIOR PPLICATION NUMBER: US 60/245,355

## RIGHT OF SEQ ID NOS: 952

## NUMBER OF SEQ ID NOS: 952

## APPLICANT OF SEX WINDOWS VERSION 4.0
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        PRIOR APPLICATION NUMBER: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/245,355
PRIOR FILING DATE: 2000-11-01
NUMBER OF SEQ ID NOS: 952
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 731
LENGTH: 20
CURRENT APPLICATION NUMBER: US/10/002,623 CURRENT FILING DATE: 2001-11-01
                                                                                                                                                                                                                                                                                                                                                 2342 AAAGTGCTGGGATTACAGGC 2361
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CONTENT ADDRESSES: Nixon and Vanderhye
STREET: 1100 No. US20030181660Atth Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
Z1201-4714
COMPUTER: READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC compatible
COMPUTER: IBM FC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
FILING DATE: 31-Dec-2002
PRIOR APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION NUMBER: US/10/331,907
                                                                                                              Sequence 13, Application US/10289845
| Publication No. US20030170679A1
| GENERAL INFORMATION:
| APPLICANT: Wood, Linda
| APPLICANT: Wood, Linda
| APPLICANT: Wood, Linda
| APPLICANT: Pariod, Luis
| TILE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
| FILE REFERENCE: 00791.US|
| CURRENT APPLICATION NUMBER: US/10/289,845
| CURRENT FILING DATE: 2002-11-07
| SOFTWARE: Patentin version 3.1
| SEQ ID NO 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Kawaguchi, Yoshihiko
Merzhan, Tony R
Metzker, Michael L
TITLE OF INVENTION: No. US20030181660Alel LDL-Receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
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FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
FILING DATE: 15-APR-1997
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Publication No. US20030181660A1
GENERAL INPORMATION:
APPLICANT: Todd, John W
Caskey, Charles T
Cox, Roger D
Gerhold, David
Hammond, Holly
Hey, Patricia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2340 CCAAAGTGCTGGGATTACAG 2359
     1 CAAAGTGCTGGGATTACAGG 20
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CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8
Best Local Similarity 100.
Matches 20; Conservative
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                                                                                                    US-10-289-845-13/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
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; Sequence 897, Application US/10002623
; Sequence 897, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OBENER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: APPLICATIONS
; TITLE OF INVENTION: APPLICATIONS
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT PILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR PILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FartSEQ for Windows Version 4.0
; SEQ ID NO 897
; LENGTH: 20
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Publication No. US20030134285A1
GENERAL INFORMATION:
APPLICANT: UNDERHILL, PETER A.
ITILE OF INVENTION: A METHOD FOR DETERMINING GENETIC
ITILE OF INVENTION: A PETLIATION SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
ITILE OF INVENTION: POPULATIONS
FILE REFERENCE: STAN-212
CURRENT APPLICATION NUMBER: US/10/002,623
CURRENT FILING DATE: 2001-11-01
PRIOR FILING DATE: 2000-11-01
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                                                                         Score 20; DB 1; Length 20;
Pred. No. 8.8e+02;
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                                                                 Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.6 Matches 20; Conservative 0; Mismatches
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 900
LENGTH: 20
                                                                                                                                                                   2341 CAAAGTGCTGGGATTACAGG 2360
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Best Local Similarity 100.
Matches 20; Conservative
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; ORGANISM: Homo Sapiens
US-10-002-623-897
; ORGANISM: Homo Sapiens
US-10-002-623-894
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US-10-002-623-900
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APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Mancharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: RestSEQ for Windows Version 4.0
                                                                                                                     TITLE OF INVENTION Antisense Modulation of mdm2 expression. PILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
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US-10-005-344-4
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TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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ORGANISM: Artificial Sequence
                                  Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
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LENGTH: 20
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LENGTH: 20
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                                                     APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Damela Nero
APPLICANT: Damela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingXi Chiang
APPLICANT: MingXi Chiang
APPLICANTON: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT PRILING DATE: 1998-012-06
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE FastSEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
APPLICATION NUMBER: US 60/048,740
PILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET UNMBER: 620-81
TELECOMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-3
                                                                                                                                                                                                                                                                                                                  ; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 257:
US-10-331-907-257
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Publication No. US20030203862A1
GENERAL INFORMATION:
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APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 GCACCGCGCGAGCTTGGCTG 20
                                                                                                                                                                                     INFORMATION FOR SEQ ID NO: 257:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
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STRANDEDNESS: single
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Best Local Similarity 100.
Matches 20; Conservative
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LENGTH: 20
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Length 20; 0; Indels

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Sequence 6, Application US/10005344 Publication No. US20030203862A1

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APPLICANT: LOCALION:
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVATION: Antisense Modulation of mdm2 expression.
TILE REFERENCE: ISPH-6622
CURRENT PAPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mano Manoharan
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 1294-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SEQ ID NO 9
LENGTH: 20
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. 8.8e+02;
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COTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-8
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                       Sequence 8, Application US/10005344
Publication No. US20030203862A1
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                                                                                                                                                                   APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
I TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-06.23
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
| LENGTH: 20
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILLING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILLING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILLING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PSECSEQ for Windows Version 4.0
SEQ ID NO 7
LENGTH: 20
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-6
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US-10-005-344-7
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Publication No. US20030203862A1
GENERAL INFORMATION:
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PUDLICATION N. C. C. GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Pamela Nero
APPLICANT: Part J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Köller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Mero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Ming'i Chilar
APPLICANT: Ming'i Chilar
APPLICANT: Mang Manoharan
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 2001-12-04
PRIOR PILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
SOFTWARE FILING DATE: 1999-03-26
SOFTWARE: FASTSEQ FOR Windows Version 4.0
SEQ ID NO 12
LENGTH: 20
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                                                                                                             Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
     ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 12, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION: APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 13, Application US/10005349
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                                              331 CTGTACCTACTGATGGTGCT 350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             617 GATCTACAGGAACTTGGTAG 636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20 GATCTACAGGAACTTGGTAG 1
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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Matches 20; Conservative
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US-10-005-344-13/c
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Damela Nero

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Mingyi Chiang

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US 09/048, 810

PRIOR PLING DATE: 1998-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FASHSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Loren 3. Miraglia
APPLICANT: Loren 8. Miraglia
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
APPLICANT: Mano Manoharan
APPLICANT: Mano Manoharan
APPLICANT: Mano Manoharan
APPLICANT: Manoharan
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                            0; Indels
Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PSELSEQ for Windows Version 4.0
LENGTH: 20
                                                                                                                                                                                                                                                                         Sequence 10, Application US/10005344 Publication No. US20030203862A1 GENERAL INFORMATION:
                                                                                   295 TGGTGAGGAGCAGGCAAATG 314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      303 AGCAGGCAAATGTGCAATAC 322
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Bett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICANTION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-15
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ORGANISM: Artificial Sequence
FEATURE:
THER INFORMATION: Antisense Oligonucleotide
US-10-005-344-16
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SEQ ID NO 15
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1695 TTTACATGTGCAAAGAAGCT 1714
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Publication No. US20030203862A1
GENERAL INFORMATION:
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Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Loren J. Miraglia
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Sequence 14, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Loren Mero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Mingyi Chiang

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PLING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SEQ ID NO 14

LENGTH: 20
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APPLICANT: Loren J. Miraglia
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mingyl Chiang
APPLICANT: Mingyl Chiang
APPLICANT: Mano Manoharan
FITLE REFERENCE: ISPH-06.25
FILE REFERENCE: ISPH-06.25
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
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0.8%; Score 20; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
CRATURE:
CHEATURE:
COTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-13
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; CTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-14
                   SOFTWARE: FastSEQ for Windows Version 4.0
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Publication No. US20030203862A1
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ORGANISM: Artificial Seguence
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                                               SEQ ID NO 13
LENGTH: 20
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APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILER REFERENCE: ISPA-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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Erich Koller
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Best Local Similarity
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                TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 17
LENGTH: 20
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GURRENT APLICANTION ALLIGENSE Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR REPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 18, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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; Sequence 19, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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ORGANISM: Artificial Sequence
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Mano Manoharan
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manohamense Modulation of mdm2 expression.
ITILE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FAPPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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                                                                                                                                 Length 20;
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0.8%; Score 20; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 8.88+02;
Matches 20; Conservative 0; Mismatches 0;
                                                   ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-20
                                                                                                                                                                                                                                       1934 TAGTGGAATAGTGAATACTT 1953
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; Publication No. US20030203862A1
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ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence FEATURE:
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RESULT 595

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Mark J. Graham
Brett P. Monia
Erich Koller
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US-10-005-344-33/c
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                                                                                                                                                        APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manohazan
APPLICANT: Mano Manohazan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT PAPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PLING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
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Publication No. US20030203862A1

SEQUENCE 22, Application US/10005344

Publication No. US20030203862A1

SERERAL INNORMATION:

APPLICANT: Daren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Mark J. Graham

APPLICANT: Mark J. Graham

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antiense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 2:

LENGTH: 20
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Sequence 21, Application US/10005344
Publication No. US20030203862A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                          GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
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Matches 20; Conservative
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US-10-005-344-22/c
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APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
ITITER OF INVENTION: Antisense Modulation of mdm2 expression.
FILER REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
ISBQ ID NO 25
LENGTH: 20
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APPLICANT: Mark J. Garham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/10/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 33
LENGTH: 20
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OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-33
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                                                                                                                                                     Sequence 25, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
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APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
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20 GTACTTTTAGTAGAGACAGG 1
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
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CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 36, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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| Publication No. US20030203862A1
| GENERAL INFORMATION:
| APPLICANT: Loren J. Miraglia
| APPLICANT: Pamela Nero
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                                                                                                                                                                                                                                    20 GCTTCTGGGGCCTGTGTGGC 1
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       ORGANISM: Artificial Sequence
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Mark J. Graham
Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
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Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
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US-10-005-344-37/c
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APPLICANT:
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mingyi Chiang
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FITLE REFERENCE: ISPH-06.2
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR FILING DATE: 1998-03-26
FRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                Sequence 34, Application US/10005344 Publication No. US20030203862A1 GENERAL INFORMATION:
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                                                                                                                                      20 CCGCGCGAGCTTGGCTGT 1
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
                                                                                                                                                                                                                                                                                                                  APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                                                                                                                                US-10-005-344-34/c
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/048,805
FRIOR RILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
                                                                                        Query Match

0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-36
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GENERAL INFORMATION:
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| Sequence 39, Application US/10005344 |
| Publication No. US20030203862A1 |
| GENERAL INFORMATION: |
| APPLICANT: Loren J. Miraglia |
| APPLICANT: Bamela Nero |
| APPLICANT: Brett P. Monia |
| APPLICANT: Brett P. Monia |
| APPLICANT: MingYi Chiang |
| APPLICANT: Mano Manoharand |
| TITLE OF INVENTION: Antisense Modulation of mdm2 expression. |
| FILE REFERENCE: ISPH-0622 |
| CURRENT APPLICATION NUMBER: US/10/005,344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JUNEARANI LOCATION Miraglia
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharense Modulation of mdm2 expression.
TITLE OF INVENTION: Antienne
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 38
LENGTH: 20
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                                                                                                                                                      FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-37
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US-10-005-344-38
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 37
LENGTH: 20
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's Sequence 38', Application US/10005344'

'Publication No. US20030203862A1

; GENERAL INFORMATION:
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                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
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GENERAL INFORMATION:

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Brich Koller

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1999-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR RILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

INUMBER OF SEQ ID NOS: 379

SEQ ID NO 40

LENGTH: 20

***LENGTH: 20

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                                                                                                                                                                                                                                                                                                        ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-39
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CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: PastSEQ for Windows Version 4.0

SEQ ID NO 39

LENGTH: 20
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; Sequence 41, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Brat J. Graham
; APPLICANT: Brett P. Monia
; APPLICANT: Brett Koller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 40, Application US/10005344; Publication No. US20030203862A1
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ORGANISM: Artificial Sequence
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; Publication No. US2030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Pamela Nero
; APPLICANT: Brich Koller
; APPLICANT: Brich Koller
; APPLICANT: Mano Manoharan
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; TITLE OF INVENTION: Antisense Wodulation of mdm2 expression.
; TITLE OF INVENTION: Antisense Wodulation of mdm2 expression.
; TRIER PRERENCE: 158H-0622
; CURRENT FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1998-03-26
; NUMBER: PASEL SEQ for Windows Version 4.0
; SEQ ID NO 44
; LENGTH: 20
; TURED: NAN
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                                             APPLICANT: Familia Mark J. Graham

APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia

APPLICANT: Mingi' Chiang

APPLICANT: Mingi' Chiang

TITLE OF INVENTION: Antiense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT APPLICATION NUMBER: US/09/48,810

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: PASISEQ for Windows Version 4.0

LENGTH: 20
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100.0%; Pred. No. 8.8e+02;
ive 0; Mismatches 0; Indels
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
  Loren J. Miraglia
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Matches 20; Conserva
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: Mano Manoharan
TITLE NETERRIVE: ISPH-062.
FILE REPREBRUE: ISPH-062.
CURRENT APPLICANTON NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PLING DATE: 1999-03-26
PRIOR PLING DATE: 1999-03-26
                  APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antieense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                  ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 42, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 70 CGAGCCCGAGGGGCGCCGC 89
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MingYi Chiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        -10-005-344-42/C
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150 AGTGCGTACGAGCGCCCAGT 169
                                                                                                                                                                                                                                                           APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Loren J. Miraglia
                                                                                                                                                    US-10-005-344-47/c
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Fublication No. US20030203862A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Deamela Nero
APPLICANT: Pamela Nero
APPLICANT: Bract P. Monia
APPLICANT: Bract P. Monia
APPLICANT: Brich KOller
APPLICANT: Mano Manoharan
TITLE OF INVENTION: AALisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 2001-2-04
PRIOR APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 46
LENGTH: 20
                                                                                                         SERVARAL INFORMATION:

JAPPLICANT: LOTEON J. Mitaglia

APPLICANT: Pamela Nero

JAPPLICANT: Baret P. Monia

APPLICANT: Brick J. Graham

APPLICANT: Brick Foller

APPLICANT: Brick Koller

JAPPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

JITLE OF INVENTION: Antisense Modulation of mdm2 expression.

JITLE OF INVENTION: Antisense Modulation of mdm2 expression.

JITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0522

CURRENT PAPLICATION NUMBER: US 09/048,810

FRIOR APPLICATION NUMBER: US 09/048,810

FRIOR APPLICATION NUMBER: US 09/280,805

FRIOR APPLICATION NUMBER: US 09/280,805

FRIOR FILING DATE: 1999-03-26

JENGTHARE: FESTSEQ for Windows Version 4.0

SEQ ID NO 45.

LENGTH: 20
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                                           Sequence 45, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Mancharan
APPLICANT: Mano Mancharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICANTON NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
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ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
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US-10-005-344-47
                                                                                                                                                                                                                                                                                                             Sequence 47, Application US/10005344 Publication No. US20030203862A1 GENERAL INFORMATION:
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Publication No. US20030203862A1
GENERAL INFORMATION:
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20 AGTGCGTACGAGCGCCCAGT 1
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APPLICANT: LOTED J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FAPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 51
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR PLING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
                                                                                                                              Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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; Pred. No. 8.8e+02;
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OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-51
                                                   ), OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-50
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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; Sequence 51, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
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  ORGANISM: Artificial Sequence FEATURE:
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
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Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingXi Chiang
APPLICANT: MingXi Chiang
APPLICANT: MingXi Chiang
APPLICANT: MingXi Chiang
APPLICANTION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE FASTSEQ for Windows Version 4.0
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APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR PLING DATE: 1999-03-26
NUMBER OF SED ID NOS: 379
SOFTWARE FRANKE: FRANKE OF WINDOWS Version 4.0
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       Length 20;
                                                      0; Indels
Query Match 0.8%; Score 20; DB 1; Le Best Local Similarity 100.0%; Pred. No. 8.88+02; Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antigense Oligonucleotide
US-10-005-344-49
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Sequence 49, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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LENGTH: 20
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Sequence 55, Application US/10005344

PUblication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Branela Nero

APPLICANT: Brich Koller

APPLICANT: MingYi Chiang

APPLICANT: NUMBER: US 09/280,805

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR EMBER OF SEQ ID NOS: 379

SEQ ID NO SS

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       CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero APPLICANT: Mark J. Graham APPLICANT: Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 289 CCCGGATGGTGAGGAGCAGG 308
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ORGANISM: Artificial Sequence
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US-10-005-344-56/c
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Sequence 53, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Mark J. Graham

APPLICANT: Bret P. Monia

APPLICANT: MingYi Chiang

PREFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR PLING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

BRIOR FILING DATE: 1999-03-26
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; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: LOTEN J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Brett P. Monia
; APPLICANT: Brich Koller
; APPLICANT: MingYi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antieense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
                                                                                                                                                                                                                                                                                                                                                                                  Query Match
0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                   NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 52
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    217 CTTCCGCAGTAGTCAGTCCC 236
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          242 AGGAAACTGGGGAGTCTTGA 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 CTTCCGCAGTAGTCAGTCCC 1
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                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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PRIOR FILING DATE: 1999-03-26
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US-10-005-344-54/c
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                                                                                            APPLICANT: Breet P. Monia
APPLICANT: Breet P. Monia
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 199H-0622
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PASESEQ for Windows Version 4.0
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match

0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-58
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PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 59
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 59, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            297 GTGAGGAGCAGGCAAATGTG 316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          298 TGAGGAGCAGGCAAATGTGC 317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20 Greadeaccadecaarere 1
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Loren J. Miraglia
                               : Loren J. Miraglia
                                               Pamela Nero
Mark J. Graham
     GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-005-344-59/c
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FILE REFERENCE: ISPH-0622

FULE REFERENCE: ISPH-0622

FULE REFERENCE: ISPH-0622

FURNENT PAPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

FRIOR APPLICATION NUMBER: US 09/048,810

FRIOR PILING DATE: 1998-03-26

FRIOR PILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 57

LENGTH: 20
                     APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                       FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 56
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US-10-005-344-58/c
; Sequence 58, Application US/10005344
; Publication No. US20030203862A1
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Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nexo
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Exich Koller
APPLICANT: Ming'i Chilar
APPLICANT: Ming'i Chilar
APPLICANT: Ming'i Chilar
Erich Koller
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TITLE OF INVENTION Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILING DATE: 1998-03-26
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
SOFTWARE: FASCESQ for Windows Version 4.0
SEQ ID NO 63
LENGTH: 20
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                      Sequence 62, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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Publication No. US20030203862A1
  GTGCAA 319
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                                              20 AGGAGCAGCCAAATGTGCAA 1
                                                                                                                                                                                                                                            APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
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300 AGGAGCAGGCAAAT
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APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Mancharan
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 60
LENGTH: 20
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PARCENT OF Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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US-10-005-344-61
                                         Sequence 60, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     299 GAGGAGCAGGCAAATGTGCA 318
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Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham.
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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ORGANISM: Artificial Sequence
                                                                                                                  APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                 APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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Best Local Similarity 100.
Matches 20; Conservative
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LENGTH: 20
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APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Mancharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-06.2
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-62
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APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITUS OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-06.2.
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 66
LENGTH: 20
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brith Koller
APPLICANT: Mingly: Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR PRICATION DATE: 1998-03-26
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                                                                                                                                                                                                                                                         0.8%; Score 20; DB 1; Length 20;
100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0; Indels
                                                                                                               ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-65
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US-10-005-344-66/C
; Sequence 66, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; Por.ICANT: Pamela Nero
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                                                                                                                                                                                                                                                                                                                                                                                                       305 CAGGCAAATGTGCAATACCA 324
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                                         TYPE: DNA
ORGANISM: Artificial Sequence
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Matches 20; Conservative
           LENGTH: 20
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Publication No. US20030203862Al

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nerco

APPLICANT: Pamela Nerco

APPLICANT: Mark J. Graham

APPLICANT: MingYi Chiang

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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOGTWARE: FastSEC for Windows Version 4.0
                                                                   Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                             20 GAGCAGGCAAATGTGCAATA 1
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US-10-005-344-65/c
US-10-005-344-63
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Publication No. US2003020862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Bamela Nero

APPLICANT: Bamela Nero

APPLICANT: Brich Koller

APPLICANT: MingYi Chiang

FILE REFERENCE: ISPH-0622

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOTTWARE: PastSEQ for Windows Version 4.0

SEQ ID NO 70

LENGTH: 20
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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                             CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1990-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER: CF SEQ ID NOS: 379
SEQ ID NO 69
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
              FILE REFERENCE: ISPH-0622
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US-10-005-344-70/c
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US-10-005-344-71/c
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US-10-005-344-69/C

i Sequence 69, Application US/10005344

j Publication No. US20030203862A1

i GENERAL INFORMATION:
i APPLICANT: Loren J. Miraglia
i APPLICANT: Damela Nero
i APPLICANT: Banela Nero
i APPLICANT: Brith Roller
i APPLICANT: Erich Koller
i APPLICANT: MingYi Chiang
i APPLICANT: Mano Manoharan
i TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
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us-lu-uus-34-eb/d.

sequence 68, Application US/10005344

publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Mark J. Graham

APPLICANT: Bret P. Monia

APPLICANT: Mingyi Chiang

APPLICANT: Mingyi Chiang

APPLICANT: Mingyi Chiang

APPLICANT: Mingyi Chiang

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/248,810

PRIOR APPLICATION NUMBER: US 09/248,805

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 68

LENGTH: 20
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US-10-005-344-67
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PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SSOTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Extch Konia
APPLICANT: Extch Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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GURRENT APPLICATION Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 74
LENGTH: 20
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0.8%; Score 20; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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Pred. No. 8.8e+02;
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               313 TGTGCAATACCAACATGTCT 332
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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  No. US20030203862A1
                                                    APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-005-344-74/C
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     APPLICANT: Brich Koller,
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR FILING DATE: 1998-03-26
PRIOR PRILING DATE: 1998-03-26
PRIOR PRILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 71
LENGTH: 20
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FASTESQ for Windows Version 4.0
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0.8%; Score 20; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: DNA

; ORGANISM: Artificial Sequence

; PEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-71
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 72, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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US-10-005-344-73/c
; Sequence 73, Application US/10005344
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Ming'i Chilar
APPLICANT: Ming'i Chilar
APPLICANT: Ming'i Chilar
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Brett P. Monia
Erich Koller
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LENGTH: 20
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US-LOUD-544-79/C

Sequence 78, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Branela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: MingYi Chiang

FILE REFERENCE: ISPH-0622

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1998-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: PARLES OF Windows Version 4.0

SEQ ID NO 78

LENGTH: DAN

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TAVER: DAN
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                    Sequence 77, Application US/10005344
Publication No. US20030203862A1
334 TACCTACTGATGGTGCTGTA 353
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           351 GTAACCACCTCACAGATTCC 370
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                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Pamela Nero
                                                                                                                                                                                                       RESULT 642
US-10-005-344-77/c
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                                                                                                                       GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mano Manoharan
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antieense Modulation of mdm2 expression.
TITLE OF INVENTION: Antieense Modulation of mdm2 expression.
TITLE OF INVENTION: 18PH-0622
CURRENT TAPPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 75
LENGTH: 20
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## APPLICANT: Loren J. Miraglia
## APPLICANT: Pamela Nero
## APPLICANT: Pamela Nero
## APPLICANT: Pamela Nero
## APPLICANT: Pamela Nero
## APPLICANT: Brett P. Monia
## APPLICANT: Mano Manoharan
## APPLICANT: Brett P. Monia
## APPLICANT: Brett P. Monia
## APPLICANT: Brett P. Monia
## APPLICANT: Mano Manoharan
## APPLICANT: Brett P. Monia
## APPLICANT: Mano Manoharan
## APPLICANT: Brett P. Monia
## APPLICANT: Brett P. Monia
## APPLICANT: Manoharan
## APPLICANT: Brett P. Monia
## APPLICANT: Manoharan
## APPLICA
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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US-10-005-344-75
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US-10-005-344-76
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; Sequence 76, Application US/10005344
; Publication No. US20030203862A1
                                                                    Sequence 75, Application US/10005344
Publication No. US20030203862A1
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ORGANISM: Artificial Sequence
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APPLICANT: Mark J. Garham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
ITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: 1691-1662
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/10/48,810
PRIOR PLING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 77
LENGTH: 20
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0; Mismatches
20; Conservative
Matches
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STATEMATICANT: INFORMATION:

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Erich Koller

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharense Modulation of mdm2 expression.

TITLE OF INVENTION: Antiense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT FAPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 20
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                                                                                                                                                                                                     Score 20; DB 1; Length 20;
Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
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100.0%; Pred. No. ...
0; Mismatches
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100.0%; Pred. No. ...
0; Mismatches
                                                                                                       ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-80
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-81
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
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                                                                                                                                                                                                                                                                                                        386 GACCCTGGTTAGACCAAAGC 405
                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-005-344-81/c
; Sequence 81, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                        20 GACCCTGGTTAGACCAAAGC 1
                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                          Query Match 0.8<sup>3</sup>
Best Local Similarity 100.(
Matches 20; Conservative
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Best Local Similarity 100.0
Matches 20, Conservative
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Brett P. Monia
Brich Koller
MingYi Chiang
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APPLICANT:
APPLICANT:
APPLICANT:
            SEQ ID NO 80
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: 1SPH-0652.
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR PLING DATE: 1998-03-26
PRIOR PLING DATE: 1998-03-26
PRIOR PLING DATE: 1998-03-26
NUMBER OF SEC ID NOS: 379
SOFTWARE FEASTSEQ for Windows Version 4.0
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APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chlang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
                                                                         Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 8.8e+02;
vative 0; Mismatches 0; Indels
; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-78
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PELING DATE: 1998-03-26
PRIOR PELING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
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Publication No. US20030203862A1
GENERAL INFORMATION:
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APPLICANT: Pamela Nero
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Best Local Similarity
Matches 20; Conserva
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LENGTH: 20
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TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
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Sequence 83, Application US/10005344

Publication No. US20030203662A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Brack Noron

APPLICANT: Brack P. Monia

APPLICANT: Mark J. Graham

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR PLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

SOFTWARE: PSECT ON NUMBER: US 09/280,805

PRIOR FILING DATE: 1999-03-26

SOFTWARE: PSECT ON WINDOWS VERSION 4.0

SEQ ID NO 83

LENGTH: 20
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US-10-005-344-83
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PASTSEQ for Windows Version 4.0
SEQ ID NO BL
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Sequence 84, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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ORGANISM: Artificial Sequence
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GENERAL INCORDATION:
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FAPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-36
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 95
LENGTH: 20
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: 1SPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
ELENGTH: 20
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Local Similarity 100.0%; Pred. No. 8.8e+02;
Nes 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-85
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Application US/10005344
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                                          APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mano Manoharan
TITLE OF INVENTION: ALtisense Modulation of mdm2 expression.
TITLE OF INVENTION: ALtisense Wodulation of mdm2 expression.
TITLE OF INVENTION: ALtisense Wollow
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
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                     Brett P. Monia
Erich Koller
Mark J. Graham
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RESULT 653 US-10-005-344-88/c

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                                                                  APPLICANT: Pamela Nero-
APPLICANT: Pamela Nero-
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Etich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharnse Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT PLLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1990-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 88
LENGTH: 20
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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US-10-005-344-88
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
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TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 93
LENGTH: 20
        Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mirdy' Chiang
APPLICANT: Mirdy' Chiang
APPLICANT: Mingy' Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                                                                       Sequence 92, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                  531 ATTGTATATTGTTCAAATGA 550
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                                                                                                                      20 ATTGTATATTGTTCAAATGA 1
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
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                                                                                                                        Sequence 90, Application US/10005344
| Publication No. US20030203862A1
| GENERAL INFORMATION:
| APPLICANT: Loren O. Miraglia |
| APPLICANT: Pamela Nero |
| APPLICANT: Brack D. Monia |
| APPLICANT: Brack D. Monia |
| APPLICANT: Brack D. Monia |
| APPLICANT: MingYi Chiang |
| APPLICANT: MingYi Chiang |
| APPLICANT: Mano Manoharan |
| ITTLE OF INTENTION: Antisense Modulation of mdm2 expression.
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US-10-005-344-90
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                                                                                                                                                                                                                                                                                                                                                                                                                    FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SSCPTWARE: PASTSEQ for Windows Version 4.0
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 201-12-04
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
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20 TGAGAAGCAACAACATATTG 1
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ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                  US-10-005-344-90/c
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o; ô Gaps Gaps ; 0 ö APPLICANT: Familia Neilo
APPLICANT: Familia Neilo
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
ITTLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/10/005,344
FRIOR APPLICATION NUMBER: US/09/048,810
PRIOR PILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 92
LENGTH: 20 Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels ; FEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-92

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SOFTWARE: FastSEQ for Windows Version 4.0
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                                               SEQ ID NO 95
LENGTH: 20
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GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett Roller
APPLICANT: Brett Roller
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1099-03-26
FRIOR FILING DATE: 1
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APPLICANT: Demela Nero
APPLICANT: Bamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brack J. Graham
APPLICANT: Brack D. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
APPLICANTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
                                                                                                                                                                                  Length 20;
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                                                                                                                                                                     Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
; FEATURE:
; OTHER INFORMATION: Antimense Oligonucleotide
US-10-005-344-93
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                                                                                                                                                                                                                                                                                                                                          549 GATCTTCTAGGAGATTTGTT 568
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Exich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 96
LEMOTH: 20
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Exich Koller
APPLICANT: Mano Manoharan
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
                                                                                                                                                       Length 20;
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                                                                                                                                                       Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                FEATURE:

j OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-95
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-96
                                                                                                                                                                                                                                                                                                                                                                                                       US-10-005-344-96/c
; Sequence 96, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INPORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Brett P. Monia
; APPLICANT: Brett P. Monia
; APPLICANT: MingYi Chiang
; APPLICANT: Mano Manoharan
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                                                                                                                                                                                                                                                             566 GTTTGGCGTGCCAAGCTTCT 585
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mano Manolaran
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION WHERE: US/10/005,344
CURRENT FILING DATE: 1990-03-26
PRIOR PILING DATE: 1999-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 100
LENGTH: 20
        ## APPLICANT: Mano Manoharan
| TITLE OF INVENTION: Antieense Modulation of mdm2 expression.
| FILE REFERENCE: ISPH-06.22
| CURRENT APPLICATION NUMBER: US/10/005,344
| CURRENT PILING DATE: 2001-12-04
| PRIOR PILING DATE: 1998-03-26
| PRIOR PILING DATE: 1998-03-26
| PRIOR FILING DATE: 1999-03-26
| PRIOR FILING DATE: 1999-03-26
| NUMBER OF SEQ ID NOS: 379
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 99
| LENGTH: 20
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.8%; Score 20; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-99
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iSequence 101, Application US/10005344
j Publication No. US20030203862A1
j GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 100, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 98
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-98
                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-97
PRIOR APPLICATION NUMBER: US 09/048,810 PRIOR FILING DATE: 1988-03-26 PRIOR PILING DATE: 1999-03-26 PRIOR FILING DATE: 1999-03-26 NUMBER OF SEQ ID NOS: 379 SOFTWARE: PastSEQ for Windows Version 4.0 SEQ ID NO 97
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; Sequence 99, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 587 TGTGAAAGAGCACAGGAAAA 606
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Publication No. US20030203862A1
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
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APPLICANT: Pamela Nero
APPLICANT: Brett V. Graham
APPLICANT: Brett V. Graham
APPLICANT: Brett Nonia
APPLICANT: Brett Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
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100.0%; Pred. No. 8.8e+02;
:ive 0; Mismatches 0;
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OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-103
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 103
LENGTH: 20
Sequence 103, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
                                                                                  APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 100.
Matches 20; Conservative
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                APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 1094-0622
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
ITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERBERE: 189-10622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/10/005,344
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-101
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ORGANISM: Artificial Sequence
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LENGTH: 20
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-06.2
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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                                                                                                                                 ; Sequence 104, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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20 AGCAGGAATCATCGGACTCA 1
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691 GTCACCTTGAAGGTGGGAGT 710
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APPLICANT: Loren J. Miraglia
APPLICANT: Bamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharane Modulation of mdm2 expression.
ITILE OP INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PartSEQ for Windows Version 4.0
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION WIMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR RILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR RILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PSESEE for Windows Version 4.0
SEQ ID NO 106
LENGTH: 20
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US-10-005-344-105
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                        Sequence 105, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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20 ATCGGACTCAGGTACATCTG 1
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ORGANISM: Artificial Sequence
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LENGTH: 20
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Bark J. Graham

APPLICANT: Brick Koller

APPLICANT: Mingyi Chiang

APPLICANT: Mingyi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REPERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT TILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

NUMBER OF SEQ ID NOS: 3779

SEQ ID NO 108

LENGTH: 20

TYPE: DAA

TYPE: DAA

TYPE: DAA
                                                                                                                                                                                                                          Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                               Sequence 107, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 110
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Bark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISSH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR FILING DATE: 1999-03-26
PRIOR PRILOR PLING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Loren J. Miraglia
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
                                                                                                                           Length 20;
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100.0%; Pred. No. 8.8e+02;
vative 0; Mismatches 0; Indels
                                                                                                                                                                        0; Indels
                                                                                                                   Query Match

0.8%; Score 20; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                               ) OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-108
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-109
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CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR PILING DATE: 1998-03-26
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PARLSEQ for Windows Version 4.0
SEQ ID NO 109
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 110, Application US/10005344 Publication No. US20030203862A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                S-10-005-344-109/c
Sequence 109, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                                   704 TGGGAGTGATCAAAAGGACC 723
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100...
Pest Local Similarity 100...
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APPLICANT: Peamela Nero-
APPLICANT: Peamela Nero-
APPLICANT: Fatet P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Manon Manoharane Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-06.22
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 1994-03-26
PRIOR PILING DATE: 1999-03-26
PRIOR PILING DATE: 1999-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 111
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FILE REFERENCE: ISPH-0622
                                                                                                                                                     Length 20;
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                                                                                                                                                                                                      0; Indels
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0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-111
                                                                        ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-110
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                                                                                                                                                                                                                                                                                                                                                                                                      US-10-005-344-111/c
Sequence 111, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 112, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                        727 TACAAGAGCTTCAGGAAGAG 746
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TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mark J. Graham
Brett P. Monia
Erich Koller
MingYi Chiang
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| Sequence 115, Application US/1005344
| Publication No. US20030203862A1
| GENERAL INFORMATION:
| APPLICANT: Loren J. Miraglia
| APPLICANT: Mark J. Graham
| APPLICANT: Mingri Chiang
| APPLICANT: NUMBER: US 09/048,810
| PRIOR FILING DATE: 1998-03-26
| WINGER ROF SEQ ID NOS: 379
| SOFTWARE: FastSEQ for Windows Version 4.0
| TINGRI CHIANG DATE: LOBERT CHIANG LAND CHIANG C
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                                         ## FILE OF INVENTION: Antisense Modulation of mdm2 expression.
| TILLE OF INVENTION: Antisense Modulation of mdm2 expression.
| TILLE OF INVENTION: Antisense Modulation of mdm2 expression.
| TILLE OF INVENTION: Antisense Modulation of mdm2 expression.
| TILLE OF INVENTION: ISPN-0622 |
| CURRENT APPLICATION NUMBER: US/10/005,344 |
| PRIOR APPLICATION NUMBER: US 09/048,810 |
| PRIOR PILING DATE: 1998-03-26 |
| PRIOR FILING DATE: 1999-03-26 |
| NUMBER OF SEQ ID NOS: 379 |
| SEQ ID NO 114 |
| LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-114
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US-10-005-344-116/c
i Sequence 116, Application US/10005344
i Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 680
US-10-005-344-115/c
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APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
I APPLICANT: Mano Manoharan
I TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-06.22
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOPTWARE: FastSEQ for Windows Version 4.0
I LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 9.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR PPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PRECSEQ for Windows Version 4.0
LENGTH: 20
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brack Oganham; APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 114, Application US/10005344
Publication No. US20030203862A1
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APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monla
APPLICANT: Erich Koller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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US-10-005-344-113/c
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REPRENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
PRIOR FILING DATE: 1998-03-26
PRIOR PELING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
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FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 119
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 119, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
                                                                              ; Sequence 118, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  824 TTCAGATGAATTATCTGGTG 843
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TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                      APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiar
APPLICANT: MingYi Chiar
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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ORGANISM: Artificial Sequence
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                                                                                             APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: ANTISENSE US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR PAPLICATION NUMBER: US 09/048,810
FRIOR PILING DATE: 1998-03-26
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 0
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FILE REFERENCE: 1SPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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Publication No. US20030203862A1
GENERAL INFORMATION:
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Loren J. Miraglia
Pamela Nero
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                      Mark J. Graham
Brett P. Monia
Erich Koller
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TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1099-03-36
FRIOR FILING DA
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Attiense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR RILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
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CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 120
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Publication No. US20030203862A1
GENERAL INFORMATION:
833 ATTATCTGGTGAACGACAAA 852
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                                                                                                                        20 ATTATCTGGTGAACGACAAA 1
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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GENERALL INFORMATION:

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Mark J. Graham

APPLICANT: Brett P. Monia

APPLICANT: Brich Koller

APPLICANT: MINGYI Chiang

APPLICANT: MINGYI Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT FALING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR RILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

SOFTWARE OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 20
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     Length 20;
                                                  0; Indels
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  DB 1; Le
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US-10-005-344-122
Query Match

0.8%; Score 20; DB

Best Local Similarity 100.0%; Pred. No. 8.8

Matches 20; Conservative 0; Mismatches
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Bamela Nero
APPLICANT: Brick Follor
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                                                                      Sequence 122, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                857 ACGCCACAAATCTGATAGTA 876
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                                                                                                                                              20 ACGCCACAAATCTGATAGTA 1
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NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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            PRIOR FILING DATE: 1999-03-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Loren J. Miraglia
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Brett P. Monia
Brich Koller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 RESULT 692
US-10-005-344-127/c
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                                              NUMBE: Fast
SOFTWARE: Fast
; SEQ ID NO 125
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APPLICANT:
APPLICANT:
APPLICANT:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 124, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Daren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 09/048,810

FRIOR APPLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

FRIOR PLING DATE: 1999-03-26

FRIOR FILING DATE: 1999-03-26
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APPLICANT: Damela Nero
APPLICANT: Pamela Nero
APPLICANT: Bart J. Graham
APPLICANT: Brich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
                                                                                                                                                                                  Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                             FEATURE:
GOTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-123
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-124
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 99/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
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Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                       880 CCCTTTCCTTTGATGAAGC 899
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TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Pemela Wero
APPLICANT: Pemela Wero
APPLICANT: Bett P. Monia
APPLICANT: Bett P. Monia
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mingyi Chiang
I APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 126
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APPLICANT: Mano Manobaran
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
                                                                                    Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                  ; Sequence 126, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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APPLICANT: INCRMATION:
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: ANTISENSE: US/10/005,344
CURRENT PILING DATE: 1209-03.26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03.26
PRIOR FILING DATE: 1999-03.26
PRIOR FILING DATE: 1909-03.26
INUMBER OF SEQ ID NOS: 379
SEQ ID NO 130
IEBUGTH: 20
                              APPLICANT: MINGYI CALLED
APPLICANT: MINGYI CALLED
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antieense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-06.2
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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US-10-005-344-129
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OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 130, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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US-10-005-344-131/c
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APLICATION NUMBER: US 09/280,805
PRIOR APLICATION NUMBER: US 09/280,805
SPIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
SOFTWARE: PSESSQ for Windows Version 4.0
SEQ ID NO 128
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                          OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: Antisense Oligonucleotide
                           CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FaetSEQ for Windows Version 4.0
LENGTH: 20
CURRENT APPLICATION NUMBER: US/10/005,344
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: LOYEN J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Prett P. Monia
APPLICANT: Erett P. Monia
APPLICANT: Erich Koller
APPLICANT: Miray! Chiang
APPLICANT: Miray! Chiang
APPLICANT: Mangy! Chiang
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Publication No. US20030203862A1
BAPLICANT: Loren J. Miraglia
APPLICANT: Bamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     927 TGTTGTGAAAGAAGCAGTAG 946
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Matches 20; Conservative
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                                                                                                                                           APPLICANT: Familia Mark J. Graham

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Mingyi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR PILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 20
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APPLICANT: Mark J. Graham

APPLICANT: Brich Koller

APPLICANT: Erich Koller

APPLICANT: Mingyi Chiang

APPLICANT: Mano Mancharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT APPLICATION NUMBER: US/0404,810

PRIOR PELING DATE: 1998-03-26

PRIOR PILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 20
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-134
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US-10-005-344-133
                Sequence 133, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION: APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 134, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION: APPLICANT: Loren J. Miraglia
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Mano Manohamon
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APPLICANT: Manohamon
APPLICANTON NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 20
APPLICANT: Fact P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFRENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR PILING DATE: 1998-03-26
FRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-132
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Publication No. US20030203862A1
GENERAL INFORMATION:
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Sequence 137, Application US/10005344

publication No. US20030203862A1

publication No. US20030203862A1

publication No. US20030203862A1

publication No. US20030203862A1

APPLICANT: Loren J. Miraglia

APPLICANT: Parel Nero

APPLICANT: Brich Koller

APPLICANT: Brich Koller

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

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APPLICANT: MingYi Chiang

PAPLICANT: MingYi Chiang

PAPLICANT: Number: US/10/005,344

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1998-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 137

LENGTH: 20
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/065,344
FILE REPERION DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                           Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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US-10-005-344-137/c
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US-10-005-344-138/c
JS-10-005-344-136
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Sequence 135, Application US/10005344

Publication No. US20000203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Mark J. Graham

APPLICANT: Extet P. Monia

APPLICANT: Extet P. Monia

APPLICANT: Mingyi Chiang

APPLICANT: Mingyi Chiang

APPLICANT: Mingyi Chiang

APPLICANT: Mingyi Chiang

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PLING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: PastSEQ for Windows Version 4.0

LENGTH: 20
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GENERAL INFORMATION:

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: MingYi Chiang

APPLICANT: Delta Nationale Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT FILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

BRIOR FILING DATE: 1999-03-26
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-135
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                        1006 CAGGIGATIGGITGGATCAG 1025
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Publication No. US20030203862A1
                                                               20 CAGGTGATTGGTTGGATCAG 1
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
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FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-36
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-140
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PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DAPE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PASISEQ for Windows Version 4.0
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; Publication No. US20030203862A1
; GENERAL INFORMATION:
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
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Erich Koller
MingYi Chiang
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Mano Manoharan
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LENGTH: 20
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APPLICANT:
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYI Chiang
APPLICANT: MingYI Chiang
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US/10/005,344
PRIOR APPLICATION NUMBER: US/0048,810
PRIOR FILING DATE: 1998-03-26
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FASELSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                          Length 20;
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-138
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; Sequence 139, Application US/10005344
; Bublication No. US20030203862A1
; GENERAL INFORMATION:
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Publication No. US20030203862A1
GENERAL INFORMATION:
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                      TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
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ORGANISM: Artificial Sequence
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LENGTH: 20
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APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REPERENCE: ISH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
                                                                    APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-06.2.

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER: OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 20
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. 8.8e+02;
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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-144
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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US-10-005-344-146/c
; Sequence 146, Application US/10005344
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Publication No. US20030203862A1
GENERAL INFORMATION:
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Köller
APPLICANT: MingYi Chiang
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                                                   MingYi Chiang
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APPLICANT:
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PASLESEQ for Windows Version 4.0
SEQ ID NO 143
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-142
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OTHER INFORMATION: Antisense Oligonucleotide

US-10-005-344-143
              CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 142
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
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Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
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Best Local Similarity 100.0
Matches 20; Conservative
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Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
FILE REFERENCE: ISPH-0622
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US20030203862A1

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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Noro
APPLICANT: Beatt P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingyi Koller
APPLICANT: Mingyi Koller
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-01-2-04
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENDTH: AND 149
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1999-03-26
PRIOR PILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 148
LENGTH: 20
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US-10-005-344-149
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                                                    ; Sequence 148, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION: APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero APPLICANT: Mark J. Graham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 149, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION: APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                Mark J. Graham
Brett P. Monia
Brich Koller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-005-344-149/c
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APPLICANT:
APPLICANT:
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Sequence 147, Application US/10005344

Publication No. US200030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Bret P. Monia

APPLICANT: Bret P. Monia

APPLICANT: Bret P. Monia

APPLICANT: Manyi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

LENGTH: 20

LENGTH: 20
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FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR RILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
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                       APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE:
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JS-10-005-344-152/c
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APPLICANT:
APPLICANT:
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Bark J. Graham
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
FILE REFERENCE: ISPH-0622
GURRENT FILING DATE: 1984-0622
GURRENT FILING DATE: 1998-03-26
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
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APPLICANT: Pamela Nero
APPLICANT: Bark J. Graham
APPLICANT: Bark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Mancharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR PILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
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       0; Indels
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       0; Mismatches
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SOFWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 151
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                      Sequence 150, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 151, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                           1135 TATATCAAGTTACTGTGTAT 1154
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ORGANISM: Artificial Sequence
FEATURE:
20; Conservative
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   Matches
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION UMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPRENCE: ISPH-0622
CURRENT APPLICATION WUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
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                                                                          Length 20;
                                                                                                                        0; Indels
                                                                       DB 1; Le
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Antisense Oligonucleotide
                                                                       Query Match 0.8%; Score 20; DB Best Local Similarity 100.0%; Pred. No. 8.8 Matches 20; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR PAPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 152
LENGTH: 20
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PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                             Sequence 152, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                      1161 GGGGAGAGTGATACAGATTC 1180
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                                                                                                                                                                                                                  20 GGGGAGAGTGATACAGATTC 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
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Brett P. Monia
Erich Koller
MingYl Chiang
Mano Manoharan
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Brett P. Monia
Erich Koller
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APPLICANT: Mano Manoharan
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Jeguence 156, Application US/10005344

Publication No. US2000203862A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Damela Nero

APPLICANT: Pamela Nero

APPLICANT: Brich Koller

APPLICANT: Brich Koller

APPLICANT: Mark J. Graham

APPLICANT: Brich Koller

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antiemes Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR PAPLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 156

LENGTH: 20
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US-10-005-344-155
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                                                                               NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 155
LENGTH: 20
       PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
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APPLICANT: Damela Nero; APPLICANT: Pamela Nero; APPLICANT: Brett P. Monia; APPLICANT: Brett P. Monia; APPLICANT: Ming'i Chiang; APPLICANT: Ming'i Chiang; APPLICANT: Ming'i Chiang; APPLICANT: Mano Manoharan
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                                                                                                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-005-344-156/c
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APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Coller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION
CURRENT APPLICATION 2001-12-04
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                                                                                                                                                                                                                                                             0; Indels
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                          ) OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-153
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ) OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-154
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PRIOR APPLICATION NUMBER: US 09/048,810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 155, Application US/10005344 Publication No. US20030203862A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 154, Application US/10005344
Publication No. US20030203862A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1196 TGAAATTTCCTTAGCTGACT 1215
                                                                                                                                                                                                                                                                                                            1184 TGAAGAAGATCCTGAAATTT 1203
                                                                                                                                                                                                                                                                                                                                                               TGAAGAAGATCCTGAAATTT 1
                                                  TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.8%
Best Local Similarity 100.0
Matches 20, Conservative
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SEQ ID NO 153
LENGTH: 20
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Sequence 160, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Bramela Nero

APPLICANT: Bratt P. Moria

APPLICANT: Bratt P. Moria

APPLICANT: Bratt P. Moria

APPLICANT: MingYi Chiang

FILE REFERENCE: 1SPH-0622

CURRENT PLLING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PLING DATE: 1998-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FaatSEQ for Windows Version 4.0

SEQ ID NO 160

LENGTH: 20
                                                                                      APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manohazan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 159
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 1; Length 20;
8.8e+02;
hes 0; Indels
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-159
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                        Brett P. Monia
Erich Koller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-10-005-344-160/c
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FUDILCALICAL Application US/10005344

FUDILCAL NO. US20030203862A1

JAPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Brich KOller

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antienene Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-2-04

PRIOR APPLICATION NUMBER: US 09/048,810

FRIOR APPLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

FRIOR FILING DATE: 1999-03-26

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 158

LENGTH. 20
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; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR APPLICATION NUMBER: US 09/280,805
; RIUNG DATE: 1999-03-26
; NUMBER OF SEQ ID NOS: 379
; SEQ ID NO 157
; LENGTH: 20
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-158
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-157
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; Sequence 159, Application US/10005344

; Publication No. US20030203862A1

; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               -10-005-344-158/c
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RESULT 726 US-10-005-344-161/c

APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero

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STREAM INVOKATION:

APPLICANT: LOTEN J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
TITLE OF INVENTION: NUMBER: US/10/005,344
CURRENT FILING DATE: 1994-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 163
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FILE REPERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR REPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 164
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-164
                                                                                                                                           Sequence 163, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 164, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1301 TCCTGAAGATAAAGGGAAAG 1320
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
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ORGANISM: Artificial Sequence
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                                                                                                   APPLICANT: Demela Neurogiia
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-6622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE FASTSEQ for Windows Version 4.0
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingli Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-161
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 162
Application US/10005344 o. US20030203862A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                 APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                JS-10-005-344-162/c
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LENGTH: 20
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JS-10-005-344-167/c
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                                                                                                                                                                                                                                          Sequence 165, Application US/10005344

Publication No. US20030203862A1

FUBLICANT: Loren J. Miraglia

APPLICANT: Demela Nero

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Brich Koller

APPLICANT: MingYi Chiang

APPLICANT: NUMBER: US/10/005,344

CURRENT FILING DATE: 1090-012-06

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR PILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

SOFTWARE: FastSEQ for Windows Version 4.0

ERNOR: NUMBER
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APPLICANT: Damela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharane
APPLICANTION: AARISENSE
CURRENT FILING DATE: 1990-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FartSEQ for Windows Version 4.0
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                               Indels
Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
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US-10-005-344-165
                                                                             1311 AAAGGGAAAGATAAAGGGGA 1330
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Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0
Matches 20; Conservative
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TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REPERINGE ISPH-062.

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

FRIOR APPLICATION NUMBER: US 09/048,810

PRIOR PELING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PRIOR DATE: 1998-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 167

LENGTH: 20
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APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Exich Koller
APPLICANT: Exich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
                                                                                            Length 20;
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                      Query Match

0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-166
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-167
                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 167, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                               1333 TCTCTGAGAAAGCCAAACTG 1352
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 170
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 171, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION: APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US-10-005-344-172/c
; Sequence 172, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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Brett P. Monia
Erich Koller
Mingri Chiang
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Brett P. Monia
Erich Koller
MingYi Chiang
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US-10-005-344-171/c
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APPLICANT: Barela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chlary
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: 1694-16622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/10/005,344
FRIOR RILING DATE: 1998-03-26
PRIOR PPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE FEBELSEQ for Windows Version 4.0
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APPLICANT: Doren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Parela Nero
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPRENCE: ISPH-0622
CURRENT APPLICATION
CURRENT PILING DATE: 2001-12-04
                                                                                                                                                                                                                  Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.88+02; Matches 20; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-169
                                                                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-168
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 168
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 169, Application US/10005344 Publication No. US20030203862Al GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 170, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                 1358 CTCAACACAGCTGAAGAGG 1377
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                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Breat P. Monia
APPLICANT: Brich Koller
APPLICANT: Mano Manoharan
FILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR PEPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PASESEQ for Windows Version 4.0
SEQ ID NO 171
LENGTH: 20
                                                                                   Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-170
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20 GATAAAATTACACAAGCTTC
     Pamela Nero
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Bart P. Monia
APPLICANT: Erich Koller
APPLICANT: Mingxi Chiang
APPLICANT: Mingxi Chiang
APPLICANT: Mingxi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: AAntisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
GURRENT PELING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 173
LENGTH: 20
               TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PSESEQ for Windows Version 4.0
SEQ ID NO 172
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 173, Application US/10005344 Publication No. US20030203862A1 GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 174, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1421 CAGAGAGTCATGTGTGAGG 1440
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                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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Mano Manoharan
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                                                                APPLICANT: Mingyi Chiang
APPLICANT: Mano Mancharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: 1SPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 174
FUNCTION OF THE NUMBER: US 09/280,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Loren J. Miraglia
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Breth F. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERSENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 175
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 175, Application US/10005344 Publication No. US20030203862A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
Mark J. Graham
                         Brett P. Monia
Erich Koller
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Application US/10005344

US-10-005-344-176/c

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US-10-005-344-178/c
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brich Koller
APPLICANT: Exich Koller
APPLICANT: MingYi Chiang
APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE FRALESEQ for Windows Version 4.0
                                                                                                                                                                                                                      APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REPERROR: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/048,805

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: PastSEQ for Windows Version 4.0

LENGTH: 20
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0.8%; Score 20; DB 1; Li
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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US-10-005-344-177
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Publication No. US20030203862A1
GENERAL INFORMATION:
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Sequence 176, Application US/100;
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: Mingyl Chiang
APPLICANT: Mingyl Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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                               US20030203862A1
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LENGTH: 20
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FILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERROR: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOSTWARE: FastSEQ for Windows Version 4.0
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APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1996-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1996-03-26
PRIOR FILING DATE: 1996-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE FREISER FREISER FOR WINDOWS VERSION 4.0
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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Sequence 178, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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                                                                                 APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MangYi Chiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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Publication No. US200020203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Mark J. Graham

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antiense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-062

CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

SOFTWARE: PastSEQ for Windows Version 4.0

SEQ ID NO 180
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### PEDLICANT: Loren J. Miraglia
### APPLICANT: Deren J. Miraglia
### APPLICANT: Deren J. Miraglia
### APPLICANT: Bret P. Monia
### APPLICANT: Brich Koller
### APPLICANT: MingYi Chian
### APPLICANT: Bret P. Monia
### APPLICANT: Bret P. Monia
### APPLICANT: Bret P. Monia
### APPLICANT: DATE: 1999-03-26
### PRIOR PILING DATE: 1998-03-26
### PRIOR PILING D
Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-180
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Publication No. US20030203862A1
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APPLICANT: LINCKMAILLOW:
APPLICANT: Damela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Bret P. Monia
APPLICANT: Brich Köller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT PAPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
                                                                                                                              Length 20;
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                                                                                                                                                                                  0; Indels
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. 8.8e+02;
                      FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-181
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-182
                                                                                                                           Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MangYi Chiang
APPLICANT: MangYi Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 182, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                 1506 ACTICIAGIAGCATIATITA 1525
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ORGANISM: Artificial Sequence
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APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REPERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: PastSEQ for Windows Version 4.0

LENGTH: 20
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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, OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-185
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                         PRIOR APPLICATION NUMBER: US 09/048,810 PRIOR FILING DATE: 1998-03-26 PRIOR FILING DATE: 1999-03-26 NUMBER OF SEQ ID NOS: 379 SOFTWARE: PastSEQ for Windows Version 4.0 LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 186, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1541 TGTGAAAGAGTTTGAAAGGG 1560
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ORGANISM: Artificial Sequence
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APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano March
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Brett P. Monia
Erich Koller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-005-344-186/c
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US-10-005-344-187/c
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APPLICANT:
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mingyi (Chiang
APPLICANT: Mingyi (Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/0408,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PRILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 184
LENGTH: 20
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; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
; APPLICANT: Brick F. Monia
; APPLICANT: Brick F. Monia
; APPLICANT: Mark J. Graham
; APPLICANT: MingYi Chiang
; APPLICANT: MingYi Chiang
; APPLICANT: Mano Manoharan
; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
                                                                                                                                                                                                                                           Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 8.8e+02;
vative 0; Mismatches 0; Indels
                                                                                                                                         FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-183
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NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 183
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
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                                                                                                                                                                                                                                                                                                                                                                           20 TTTATAGCAGCCAAGAAGAT
                                                                                               TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 20; Conservative
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
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APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense No. 10/10/005, 344
CURRENT PILING DATE: 1201-12-04
PRIOR APPLICATION NUMBER: US 09/048, 810
PRIOR APPLICATION NUMBER: US 09/048, 805
PRIOR APPLICATION NUMBER: US 09/280, 805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1000-03-26
INVERSE OF SEQ ID NOS: 379
SEQ ID NO 190
IENGTH: 20
                                                                                                                                                                                        TITLE OF INTERTOR Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR PAPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 189
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 20;
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-189
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Publication No. US20030203862A1
GENERAL INFORMATION:
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                Loren J. Miraglia
                                                                                      Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
                                                                   Mark J. Graham
                                       Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 JS-10-005-344-190/c
                                                                                      APPLICANT:
APPLICANT:
APPLICANT:
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR RILING DATE: 1998-03-26
PRIOR RILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 188
LENGTH: 20
## APPLICANT: Mingyi Chiang
## APPLICANT: Mano Manoharan
## APPLICANT: Mano Manoharan
## TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
## TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
## CURRENT APPLICATION NUMBER: US/10/005,344
## CURRENT FILING DATE: 2001-12-04
## PRIOR PILING DATE: 1998-03-26
## PRIOR APPLICATION NUMBER: US 09/280,805
## RIDK APPLICATION NUMBER: US 09/280,805
## RIDK FILING DATE: 1999-03-26
## NUMBER OF SEQ ID NOS: 379
## SOFTWARE: PastSEQ for Windows Version 4.0
## ILENGTH: 20
## ILENGTH: 20
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100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0; Indels
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US-10-005-344-187
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Publication No. US2003020362A1
GENERAL INFORMATION:
APPLICANT: LOYEN J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Paret P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Migyi Chiang
APPLICANT: Migyi Chiang
APPLICANT: Mano Manoharan
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; Sequence 189, Application US/10005344
; Publication No. US20030203862A1
; GENRRAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Matches 20, Conservative
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APPLICANT: Pamela Nero-
APPLICANT: Pamela Nero-
APPLICANT: Pamela Noria
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PFLING DATE: 2001-12-04
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 193
LENGTH: 20
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APPLICANT: Mark J. Graham

APPLICANT: Brett P. Monia

APPLICANT: Brich Koller

APPLICANT: Mingfi Koller

APPLICANT: Mingfi Koller

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR PILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: PastSEQ for Windows Version 4.0

LENGTH: 20
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APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                                       ; Sequence 193, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
1624 GTGTGATTTGTCAAGGTCGA 1643
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                            APPLICANT: Loren J. Miraglia
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                             Sequence 191, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: LOREN J. Miraglia

APPLICANT: Damela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Mingyi Chiang

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: PASSEC FOR Windows Version 4.0
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APPLICANT: Damela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharanse Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match : 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-192
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-191
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Sequence 192, Application US/10005344
Ublication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 GAACCTTGTGTGATTTGTCA 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 191
LENGTH: 20
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TITLE OF INVENTION: Antisense Modulation of mdm2 expression. FILE REFREEMCE: ISPH-0622
CURRENT APPLICATION UNMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
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PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SLENGTH: 20
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PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 197, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                              1675 CAGGACATCTTATGGCCTGC 1694
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1684 TTATGGCCTGCTTTACATGT 1703
                                                                                                                                                                                                                                                                                                                                   20 CAGGACATCTTATGGCCTGC 1
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mark J. Graham
Brett P. Monia
Erich Koller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MingYi Chiang
Mano Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 763
US-10-005-344-198/c
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APPLICANT:
APPLICANT:
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APPLICANT:
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                                                                                                                                                                                                                                                                                                                       Sequence 195, Application US/10005344

Sequence 195, Application US/10005344

Publication No. US200030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Mark J. Graham

APPLICANT: Mark J. Graham

APPLICANT: Mark J. Graham

APPLICANT: Mano Manolaran

APPLICANT: Mano Manolaran

TITLE OF INVENTION: AALisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR PLING DATE: 1999-03-26

PRIOR PRING DATE: 1999-03-26

PRIOR PLING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR PLING DATE: 1999-03-26

PRIOR PLING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26
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Publication No. US20030203862A1

FEBERAL INFORMATION:
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Breet P. Monia
APPLICANT: Breet P. Monia
APPLICANT: Breet P. Monia
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: 1SPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-16

PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805
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                  Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Antisense Oligonucleotide
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SOFTWARE FRACED for Windows Version 4.0
SEQ ID NO 196
LENGTH: 20
                                                                                                                                         1657 GCATTGTCCATGGCAAACA 1676
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1667 TGGCAAAACAGGACATCTTA 1686
                                                                                                                                                                          20 GCATTGTCCATGGCAAACA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 TGGCAAACAGGACATCTTA 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                              -10-005-344-195/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Ming'l Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
                                                                                             Length 20;
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                                                                                      Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-196
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APPLICANT: LOTEN J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-36
PRIOR FILING DATE: 1999-03-36
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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US-10-005-344-201
   CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

SOFTWARE: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; Sequence 201, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1710 AAGCTAAAGAAAAGGAATAA 1729
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: MingYi Chlary
APPLICANT: MingYi Chlary
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/9/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SOFTWARE FERENCE: 379
SOFTWARE FERENCE: FERENCE: 379
SOFTWARE FERENCE: FERENCE: Mindows Version 4.0
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Lozen J. Miraglia
APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan

TITLE OF INVENTION: Attiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
                                                                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-198
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PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
NUMBER OF ESQ ID NOS: 379
SEQ ID NO 198
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                             1690 CCTGCTTTACATGTGCAAAG 1709
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                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT: Earth V. Monia
APPLICANT: Erett P. Monia
APPLICANT: Erett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFRENCE: ISPH-062.
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR FILING DATE: 1998-03-26
FRIOR FILING DATE: 1998-03-26
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Ming'i Chiang
APPLICANT: Ming'i Chiang
APPLICANT: Ming'i Chiang
APPLICANT: Mano Mancharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-6622
ICURENT FILING DATE: 1909-001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
PRIOR PAPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
SOFTWARE: PateSEQ for Windows Version 4.0
IENGTH: 20
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-204
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
                                                                                                             Mark J. Graham
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APPLICANT: MAION Chiang
TITLE OF INVENTION: ALIGENBE Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PSELSEQ for Windows Version 4.0
SEQ ID NO 203
LENGTH: 20
                       APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Mancharan
IILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/204,810
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 202
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FEATURE: OTHER INFORMATION: Antisense Oligonucleotide
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o. US20030203862A1
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
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Brett P. Monia
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Matches 20; Conserva
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US-10-005-344-204/c ; Sequence 204, Application US/10005344 ; Publication No. US20030203862A1

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Page 255

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TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION UNDBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FREESQ for Windows Version 4.0
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FRAESEQ for Windows Version 4.0
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1798 TATAAGAGAATTATATTT 1817
                                                                                                                                                                                                                                         ; Sequence 208, Application US/10005344
; Publication No. US20030203862A1
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APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Bark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett R. Monia
APPLICANT: MingYi Chilar
APPLICANT: MingYi Chilar
APPLICANT: Mano Manoharan
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.8
Matches 20; Conservative
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILING DATE: 1999-03-26
FRIOR PILIN
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PARKEE PRESEQ for Windows Version 4.0
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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US-10-005-344-207
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                                                   Sequence 206, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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Sequence 207, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
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ORGANISM: Artificial Sequence
                     -10-005-344-206/c
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LENGTH: 20
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Aning Yi Chiang

APPLICANT: Mano Manoharan

ITILE OF INVENTION: Antiense Modulation of mdm2 expression.

TILE OF INVENTION: Antiense 18910/005,344

CURRENT FILING DATE: 18910-13-04

PRIOR PILING DATE: 1999-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR PILING DATE: 1999-03-26

PRIOR PILING DATE: 1999-03-26

PRIOR PILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SEQ ID NO 211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TILLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR PLING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARR: PSELSEQ for Windows Version 4.0
SEQ ID NO 210
LENGTH: 20
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                                               0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                  Sequence 210, Application US/10005344
Publication No. US2003020362A1
GENERAL INFORMATION:
APPLICANT: LOYEN J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MangYi Chiang
APPLICANT: MangYi Chiang
                                                                                                                                  1808 TTATATATTTCTAACTATAT 1827
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ORGANISM: Artificial Sequence
                                                                                          Conservative
                                             Query Match
Best Local Similarity
Matches 20; Conserva
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US-10-005-344-209
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE FastSEQ for Windows Version 4.0
SEQ ID NO 212
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
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                                                                                                                                                  Length 20;
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                    ) OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-211
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-212
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PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 212, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
TYPE: DNA
ORGANISM: Artificial Sequence
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Mark J. Graham
Brett P. Monia
Erlch Koller
MingYi Chiang
Mano Manoharan
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APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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tes 20; Conserv
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APPLICANT: Mark J. Graham

APPLICANT: Erich Koller

APPLICANT: Erich Koller

APPLICANT: Mingyi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT APPLICATION NUMBER: US/004-18

PRIOR PELING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FRESERQ for Windows Version 4.0

LENGTH: 20
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                   , OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-215
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                           CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
NUMBER OF SEQ ID NOS: 379
SEQ ID NO 215
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 216, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                          TYPE: DNA
ORGANISM: Artificial Sequence
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Fublication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Mero

APPLICANT: Mark J. Graham

APPLICANT: Mark J. Graham

APPLICANT: Mark J. Graham

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT APPLICATION NUMBER: US 09/048,810

PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR SECTING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FASTESEQ for Windows Version 4.0
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APPLICANT: Damela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
                                                                                                                                                                                                                                                                                            Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-214
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 213
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                 TTAGACAACCTGAAATTTAT 1
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                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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LENGTH: 20
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TYPE: DNA

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APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Mancharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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CURRENT FILING DATE: 2001-12-04

CURRENT FILING DATE: 2001-12-04

FRIOR PAPLICATION NUMBER: US 09/048,810

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 220

LENGTH: 20
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0.8%; Score 20; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1889 AATTCACATAGATTTCTTCT 1908
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                      Publication No. US20030203862A1
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                                                                                       APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
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US-10-005-344-220/c
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APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SEQ ID NO 217
LENGTH: 20
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| Sequence 218, Application No. US20030203862A1
| GENERAL INFORMATION:
| APPLICANT: INFORMATION:
| APPLICANT: Pamela Nero
| APPLICANT: Pamela Nero
| APPLICANT: Breet P. Monia
| APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 218
LENGTH: 20
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US-10-005-344-219/c
; Sequence 219, Application US/10005344
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ORGANISM: Artificial Sequence
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US-10-005-344-218/c
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mingyi Chiang
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICANTON NUMBER: US/10/005,344
CURRENT FILING DATE: 12091-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
                                                                                                                                                                                                                                                                                                                                         APPLICANT: Pamela Nero

APPLICANT: Mark J. Graham

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Brich Koller

APPLICANT: Mangyi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antiense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICANION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 20
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  0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-223
0; Mismatches
                                                                                                                                                                                                                                  Sequence 223, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 224, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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                                                     1908 TCTTTAGTATAATTGACCTA 1927
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                                                                                                       20 TCTTTAGTATAGTTGACCTA 1
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                        APPLICANT: Loren J. Miraglia
20; Conservative
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Bart P. Monia
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharane
MOURENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE PERSEQ FOR WINDOWS Version 4.0
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR RILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FASELSEQ for Mindows Version 4.0
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                                                                                                 Sequence 221, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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Publication No. US20030203862A1
GENERAL INFORMATION:
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mingyi Chiang
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LENGTH: 20
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
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APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT REPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
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APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
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0.8%; Score 20; DB 1; Lu
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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0.8%; Score 20; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                           TYPE: DNA
GRGANISM: Artificial Sequence
FEATURE:
FORTURE INFORMATION: Antisense Oligonucleotide
US-10-005-344-226
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-227
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Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                       1940 AATAGTGAATACTTACTATA 1959
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ORGANISM: Artificial Sequence
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Brett P. Monia
Erich Koller
MingYi Chiang
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                 SEQ ID NO 226
LENGTH: 20
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APPLICANT:
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 12091-2-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Mingyi Chiang

APPLICANT: Monoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

TURENT APPLICATION NUMBER: US/10/005,344

PRIOR PELLING DATE: 2001-12-04

PRIOR PELLING DATE: 1998-03-26

PRIOR PELLING DATE: 1998-03-26

PRIOR PELLING DATE: 1998-03-26

PRIOR SEQ ID NOS: 379

NUMBER OF SEQ ID NOS: 379
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                                                                                                                      Length 20;
                                                                                                                                                                                       0; Indels
                                                                                                               Query Match

0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-224
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 225, Application US/10005344
Publication No. US20030203862A1
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APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: 1SPH-062.2
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FSECSEQ for Windows Version 4.0
LENGTH: 20
          TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
                            FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/00/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NOS 230
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 231, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION: APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-005-344-232/c
; Sequence 232, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1973 ATGTAGCTCATCCTTTACAC 1992
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                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Ming'i Chiang
APPLICANT: Mano Manoharan
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US-10-005-344-231/c
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APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
FILE REPERSOR: 1998-03-26
FRIOR PILING DATE: 1998-03-26
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 20
                                                                                                                                                                                                                                                                                                                          Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-228
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-229
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PASLSEQ for Windows Version 4.0
SEQ ID NO 228
LENGTH: 20
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Sequence 230, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Deren J. Miraglia

APPLICANT: Pamela Nerro

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Mark J. Graham

APPLICANT: Mark J. Graham

APPLICANT: Manck J. Graham

APPLICANT: Manoy Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                                  1956 TATAATTTGACTTGAATATG 1975
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
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                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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US-10-005-344-229/c
                                                                                                                                                                                                                            FEATURE:
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Sequence 234, Application US/10005344
Publication No. US20030203862A1
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            APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mingyi Chiang
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
CURRENT PILLNG DATE: 2001-12-04
CURRENT PILLNG DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FRIING DATE: 1999-03-26
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILLNG DATE: 1999-03-26
FRIOR APPLICATION NUMBER: US 09/280,805
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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Publication No. US2003020362A1
GENERAL INFORMATION:
APPLICANT: LOYEN J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.(
Matches 20; Conservative
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US-10-005-344-234/c

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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Brich Koller
APPLICANT: Mano Mandonaran
TITLE OF INVENTION: Antiennee Modulation of mdm2 expression.
TITLE OF INVENTION: Antiennee Modulation of mdm2 expression.
TITLE OF INVENTION ANTIENNEE: US/10/005,344
CURRENT FILING DATE: 1909-03-26
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
                                                APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TILLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-06.2
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PRILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
ILENGTH: 20
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 235, Application US/10005344 Publication No. US20030203862A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero APPLICANT: Mark J. Graham
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Sequence 238, Application US/10065344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Mark J. Graham

APPLICANT: Brancla Nonia

APPLICANT: Erich Koller

APPLICANT: MingYi Chiang

APPLICANTON: WINGER: US 09/048,810

FILE REFERENCE: ISPH-0622

CURRENT FILING DATE: 1999-03-26

FRIOR APPLICATION NUMBER: US 09/280,805

FRIOR APPLICANTON NUMBER: US 09/280,805

FRIOR APPLICATION NUMBER: US 09/280,805

FRIOR PILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SEQ ID NO 238

LENGTH: 20

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APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 239
LENGTH: 20
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     Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
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Pred. No. 8.8e+02;
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Best Local Similarity 100.0%; Pred. No. 8.8
                                                                                    2051 TTTTCTTAAATATGTATATG 2070
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Köller
APPLICANT: ANINGYI Chiang
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ORGANISM: Artificial Sequence
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                                                                                          WS-10-005-344-236/c

Sequence 236, Application US/10005344

PUblication No. US20030203862A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Breat P. Monia
APPLICANT: Breat P. Monia
APPLICANT: Breat P. Monia
APPLICANT: Breat P. Monia
APPLICANT: Mingyi Chiang
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US 09/048,810

PRIOR FILING DATE: 1998-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Demela Nero
APPLICANT: Damela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brich Koller
APPLICANT: Mano Wandharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PLING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SED ID NOS: 379
SOFTWARE FERENCE: PREUSED FOR WINDOWS Version 4.0
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-236
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20 TCTACTCTGTCTTAAATGAG 1
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ORGANISM: Arțificial Sequence
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LENGTH: 20
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LENGTH: 20
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APPLICANT: Familia Neio
APPLICANT: Familia Neio
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Erich Kollar
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: AntiBense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/10/048,810
PRIOR PELING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                     ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-241
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US-10-005-344-242
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 241 LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                            2111 TTGCTCTGTTACCCAGGCTG 2130
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Publication No. US20030203862A1
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APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
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Brett P. Monia
Erich Koller
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APPLICANT:
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APPLICANT:
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APPLICANT:
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                                                                                                           TYPE: DNA
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US-10-005-344-240/c

| Sequence 240, Application US/10005344
| Publication No. US20030203862Al
| GENERAL INFORMATION:
| APPLICANT: Damela Nero
| APPLICANT: Pamela Nero
| APPLICANT: Pamela Nero
| APPLICANT: Baret P. Monia
| APPLICANT: Brich Koller
| APPLICANT: Brich Koller
| APPLICANT: Mark J. Graham
| APPLICANT: Mark J. Graham
| APPLICANT: MingYi Chiang
| APPLICANT: MingYi Chiang
| APPLICANT: MingYi Chiang
| APPLICANT: MingXi Chiang
| APPLICANT: NUMBER: US 09/048,810
| PRIOR FILING DATE: 1999-03-26
| SEQ ID NO 240
| TUDE OF THE OFFICE OFFICE
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Sequence 241, Application WS/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Demela Nero

APPLICANT: Pemela Nero

APPLICANT: Bett P. Monia

APPLICANT: Brick POller

APPLICANT: Mingyi Chiang

APPLICANT: Mingyi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26
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                                                                                                                                                                                                 0; Indels
                                                                                                                               Query Match
0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                           ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-239
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                                                                                                                                                                                                                                                               2072 CATTTAAATGTAACTTATTA 2091
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Best Local Similarity 100.0
Matches 20, Conservative
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US-10-005-344-241/c
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FILLE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: 2001-12-04
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 246
LENGTH: 20
                                     TITLE OF INVENTION: Antisense Modulation of mdm2 expression
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100.0%; Pred. No. 8.8e+02;
Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
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0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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                                                     FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastsEQ for Windows Version 4.0
SERIOTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; Sequence 246, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2140 GGGTGATCTTGGCTCACTGC 2159
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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               Mano Manoharan
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Matches 20; Conserva
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FILE REFRENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 244
LENGTH: 20
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                                                                                                                                                                                                                                                                      OTHER INFORMATION: AntiBense Oligonucleotide US-10-005-344-243
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PRIOR APPLICATION NUMBER: US 09/048,810 PRIOR FILING DATE: 1998-03-26 PRIOR PILING DATE: 1998-03-26 PRIOR FILING DATE: 1999-03-26 NUMBER OF SEQ ID NOS: 379 SOFTWARE: PastSEQ for Windows Version 4.0 SEQ ID NO 43 LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
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Publication No. US20030203862A1
ENDREAL INFORMATION:
APPLICANT: Loren J. Miraglia
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Ming'i Chilar
APPLICANT: Ming'i Chilar
APPLICANT: Mang Manoharan
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Brett P. Monia
Erich Koller
MingYi Chiang
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Sequence 250, Application US/10005344

Publication No. US2003020862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Bretch F. Monia

APPLICANT: Brick Koller

APPLICANT: MingYi Chiang

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FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR RILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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0.8%; Score 20; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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ORGANISM: Artificial Sequence
FEATURE:
TOTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-249
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-250
   Application US/10005344
o. US20030203862A1
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                                                                                                        APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                                                                         APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erick Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
       Sequence 249, Applica
Publication No. US200
GENERAL INFORMATION:
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Publication No. US20030203862A1

SEBURAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Mero
APPLICANT: Brett P. Monia
APPLICANT: Brett R. Monia
APPLICANT: Brett R. Monia
APPLICANT: Mingyi Chiang
APPLICANTON NUMBER: US/10/005,344
CURRENT FILING DATE: 1999-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 248
LENGTH: 20
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                                              APPLICANT: Erich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mingyi Chiang
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LEWOTH: 20
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US-10-005-344-248
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 20; Conservative
Mark J. Graham
Brett P. Monia
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GURRENT APLICATION ALLISERS MODULATION Of mdm2 expression.
FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1209-03-26
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APPLICANT: Mark J. Graham

APPLICANT: Brick FO. Monia

APPLICANT: Brick RO. Monia

APPLICANT: Brick RO. Monia

APPLICANT: Ming'I Chiang

APPLICANT: Mano Manoharang

APPLICANT: Mano Manoharang

APPLICANT: Mano Manoharang

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PILING DATE: 1999-03-26
        Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                  ; Sequence 253, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; Sequence 254, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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Brett P. Monia
Erich Koller
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Mano Manoharan
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Demela Nero

APPLICANT: Pamela Nero

APPLICANT: Brich Koller

APPLICANT: Brich Koller

APPLICANT: Mark J. Graham

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 09/048,810

FILE REFERENCE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PILING DATE: 1999-03-26

PRIOR PILING DATE: 1999-03-26

SOFTWARE: PastSEQ for Windows Version 4.0

SEQ ID NO 252

LENGTH: 20
                                                                                                                                                             Sequence 251, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Breat P. Monia
APPLICANT: Brith Koller
APPLICANT: Brith Koller
APPLICANT: Mingyl Chiang
APPLICANT: Mingyl Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antieense Modulation of mdm2 expression.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILE REFERENCE: ISPH-6622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 251
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 TCAGCCTCCCAATTAGCTTG 1
20 TCTGCCTCAGCCTCCCAAT 1
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TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 257
LENGTH: 20
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
FRATURE:
OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
      NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 256
LENGTH: 20
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Publication No. US20030203662A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                     2232 GCCACCACACCTGGCTAATT 2251
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APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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US-10-005-344-257/c
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US-10-005-344-258/c
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Publication No. US20030203862A1

SEGNERAL INFORMATION:
APPLICANT: Deren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antiemes Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FILING DATE: 1201-12-04
PRIOR APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1999-03-26
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APPLICANT: Brett P. Monia
APPLICANT: Exich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Mancharan
APPLICANT: Mano Mancharan
TITLE OF INVENTION: AALisense Modulation of mdm2 expression.
FILE REPERENCE: 15991-0622
                                                                                                                                                     Score 20; DB 1; Length 20;
Pred. No. 8.8e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                 0; Indels
                                                        ) OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-254
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                            2213 GCTTGGCCTACAGTCATCTG 2232
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ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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Matches 20; Conserve
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US-10-005-344-255/c
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US-10-005-344-256/c
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                                               APPLICANT: Mano Mancharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-06.2.
CURRENT APPLICATION WUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION WUMBER: US 09/048,810
FRIOR PELING DATE: 1998-03-26
FRIOR APPLICATION WUMBER: US 09/280,805
FRIOR APPLICATION WUMBER: US 09/280,805
FRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 260
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILER REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PELING DATE: 1998-03-26
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-260
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US-10-005-344-261
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2283 CGTGTTAGCCAGGATGGTCT 2302
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharanse Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/10/005,344
FRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWAREE: FastSEQ for Windows Version 4.0
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40. 8.8e+02;
0; Indels
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US-10-005-344-259
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 258
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
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; Sequence 260, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2265 GIAGACAGGGTTTCACCG 2284
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         20 GGGTTTCACCGTGTTAGCCA 1
                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-005-344-259/c
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LENGTH: 20
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APPLICANT: Famer Neilo
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Mancharan
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
ICURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/09/48,810
FRIOR PILING DATE: 1998-03-26
FRIOR PELICATION NUMBER: US/09/280,805
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Bark J. Graham

APPLICANT: Brett P. Monia

APPLICANT: Brich Koller

APPLICANT: MingYi Chiang

PRIOR FULING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PLING DATE: 1998-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: PastSEQ for Windows Version 4.0

SEQ ID NO 265

LENGTH: 20
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                                                                       Sequence 264, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                                                                                                                         APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-005-344-265/c
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APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antieense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
FRIOR APPLICATION NUMBER: US 09/248,810
FRIOR APPLICATION NUMBER: US 09/260,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Ouery Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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US-10-005-344-263
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'Sequence 263, Application US/10005344

; Publication No. US20030203862A1
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ORGANISM: Artificial Sequence
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Loren J. Miraglia
Pamela Nero
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FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR SEQ ID NOS: 379
SOFTWARE FASTESEQ for Windows Version 4.0
SEQ ID NO 268
LENGTH: 20
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FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PRIDE DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 276
LENGTH: 20
                               Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-268
                                                                                                                                                                                                                                                                                                                               Sequence 268, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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                                                                                                                                          2341 CAAAGTGCTGGGATTACAGG 2360
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mark J. Graham
Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: ALtisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1999-03-26
PRIOR FILING DATE: 2099-03-26
IENGTH: 20
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APPLICANT: Demela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brich Koller
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PLING DATE: 1998-03-26
PRIOR PLING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-267
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                                                                                                                                                                                     Sequence 266, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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Publication No. US20030203862A1
GENERAL INFORMATION:
2325 GCCCACCTCGGCCTCCCAAA 2344
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 20; Conservative
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LENGTH: 20
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JS-10-005-344-279/C
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: Demen J. Miraglia
APPLICANT: Demen J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Baret P. Monia
APPLICANT: Exich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Mancharan
TITLE OF INTERNION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 217, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Dram J. Maraglia
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
                                                                                                                                                                           Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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; TYPE: DNA; CRGANISM: Artificial Sequence; FEATURE: ; PEATURE: ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-276
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US-10-005-344-277
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR PILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FARESEQ for Windows Version 4.0
SEQ ID NO 277
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
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FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
FRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FRACKEQ for Windows Version 4.0
IENGTH: 20
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TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
                                                                                                                                                                                                                                                              Length 20;
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                           FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-278
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, OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-279
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 278
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
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Mark J. Graham
Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
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                               APPLICANT: Mingri Chiang
APPLICANT: Mano Manoharan
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR FILING DATE: 1998-03-26
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SCOTTWARE: 283
LENGTH: 20
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ORGANISM: Artificial Sequence
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             Erich Koller
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Sequence 281, Application US/10005344

Publication No. US20030203862A1

SERNEAL INFORMATION:

APPLICANT: Damela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brich Koller

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

TILE OF INVENTION: Abtisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE FRANCE: FRANCES: 1999-03-26

NUMBER OF SEQ ID NOS: 379
                                                                                                                                                                                                                                                                                                                                                                                                         Query Match

0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-280
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR FILING DATE: 1998-03-26
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 280
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Sequence 282, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
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OTHER INFORMATION: Antisense Oligonucleotide
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Publication No. US20030203662A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                         Sequence 286, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                   APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                 Pamela Nero
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US-10-005-344-287/c
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SUBJECTANT: LOYED J. Miraglia
APPLICANT: LOYEN J. Miraglia
APPLICANT: Pamela Nero
J. APPLICANT: Pamela Nero
J. APPLICANT: Pamela Nero
J. APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Exich Koller
J. APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
J. TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
J. CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
J. PRIOR APPLICATION NUMBER: US 09/280,805
J. PRIOR APPLICATION NUMBER: US 09/280,805
J. RIUNG BATE: 1999-03-26
J. RUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Exich Koller
APPLICANT: MingY! Chiang
APPLICANT: MingY! Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antigense Modulation of mdm2 expression.
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 201-12-04
PRIOR PILING DATE: 201-12-04
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PARICKE 
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Publication No. US20030203862A1
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Matches 20; Conserve
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APPLICANT: Mark J. Carham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-062.
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/10/065,344
PRIOR APPLICATION NUMBER: US/10/065,344
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PILING DATE: 1999-03-26
FRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 287
LENGTH: 20 Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels DB 1; Length 20; 8.8e+02; 0.8%; Score 20; DB 100.0%; Pred. No. 8.6 tive 0; Mismatches Query Match 0.8% Best Local Similarity 100.0 Matches 20; Conservative

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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manohaman
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT FAPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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CURRENT APPLICATION WNDER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PLICATION NUMBER: US 09/048,810
PRIOR PLICATION NUMBER: US 09/280,805
PRIOR PRILING DATE: 1999-03-26
                                                      Length 20;
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                                                   Query Match 0.8%; Score 20; DB 1; Le Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-290
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 291
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                                                                                                                                                       369 CCAGCTTCGGAACAAGAGAC 388
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ORGANISM: Artificial Sequence
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Mark J. Graham
Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
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US-10-005-344-289
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JAPPLICANT: Pamela Nero

JAPPLICANT: Pamela Nero

JAPPLICANT: Pamela Nero

JAPPLICANT: Pamela Nero

JAPPLICANT: Brett P. Monia

APPLICANT: Erich Koller

JAPPLICANT: APPLICANT: Anioy's Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Anisense Modulation of mdm2 expression.

TITLE OF INVENTION: Anisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR PILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 20
                                                                                                                                                                                                                                                                         APPLICANT: Loren J. Miraglia
APPLICANT: Loren Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
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CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR PILING DATE: 1998-03-26
FRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PSELECT FOR Windows Version 4.0
SEQ ID NO 288
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
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; Sequence 288, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
                     367 TTCCAGCTTCGGAACAAGAG 386
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                                                                   20 TTCCAGCTTCGGAACAAGAG 1
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ORGANISM: Artificial Sequence
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APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-06.22
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PLING DATE: 2001-12-04
FRIOR PRIOR APPLICATION NUMBER: US 09/048,810
FRIOR FILING DATE: 1998-03-26
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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0.8%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                        , OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-293
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PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SSCTYARRE: PastSEQ for Windows Version 4.0
SEQ ID NO 293
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 294, Application US/10005344 Publication No. US20030203862A1 GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
FEATURE:
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Mano Manoharan
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Pamela Nero
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APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
ITTLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPN-0522
CURRENT APPLICATION NUMBER: US/10/005,344
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
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Publication No. US20030203862A1

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0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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0.8%; Score 20; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-291
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US-10-005-344-292
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Publication No. US20030203862A1
GENERAL INFORMATION.
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      482 TGGCCAGTATATTATGACTA 501
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                                         TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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                                                                                                                                 TITE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-36
FRIOR F
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
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Pred. No. 8.8e+02;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-297
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PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 298
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US-10-005-344-299/c
; Sequence 299, Application US/10005344
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Ming'i Chiang
APPLICANT: Ming'i Chiang
APPLICANT: Mano Manoharan
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ORGANISM: Artificial Sequence
       Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
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FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 296
LENGTH: 20
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                 CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
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Sequence 297, Application US/10005344

Publication No. US20030203862A1

GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
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Publication No. US20030203862A1
GENERAL INFORMATION:
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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Matches 20; Conservative
REFERENCE: ISPH-0622
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LENGTH: 20
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Publication No. US20030203862A1

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APPLICANT: Damela Nero
APPLICANT: Pamela Nero
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005, 344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US/09/048,810
PRIOR APPLICATION NUMBER: US/09/048,810
PRIOR APPLICATION NUMBER: US/09/048,805
PRIOR APPLICATION NUMBER: US/09/280,805
PRIOR APPLICATION NUMBER: US/09/280,805
PRIOR PILING DATE: 1999-03-26
PRIOR PILING DATE: 1999-03-26
PRIOR PILING DATE: 1999-03-26
PRIOR PILING DATE: 1999-03-26
INVMBER OF SEQ ID NOS: 379
SEQ ID NO 301
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,805
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PSESEQ for Windows Version 4.0
SEQ ID NO 302
LENGTH: 20
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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100.0%; Pred. No. 8.8e+02;
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                                                                                                         Sequence 301, Application US/10005344
Publication No. US20030203862A1
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Publication No. US20030203862A1
GENERAL INFORMATION:
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Ming'i Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                    APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Loren J. Miraglia
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Best Local Similarity
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GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia
APPLICANT: Pare D. Miraglia
APPLICANT: Pare D. Miraglia
APPLICANT: Pare D. Monia
APPLICANT: Paret P. Monia
APPLICANT: Breet P. Monia
APPLICANT: Erich Koller
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antieense Modulation of mdm2 expression.
FILE REFRENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
INWHER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: 2001-12-04
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 300
LENGTH: 20
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-300
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APPLICANT: Loren J. Miraglia
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: Mingyl Chiang
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISFH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 305
LENGTH: 20
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APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/99/48,810
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                  Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 8.8e+02;
iive 0; Mismatches 0; Indels
; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-304
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US-10-005-344-305
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Publication No. US2003020362A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Part P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 305, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                            1642 GACCTAAAATGGTTGCATT 1661
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ORGANISM: Artificial Sequence
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Matches 20; Conservative
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; Publication No. US203020362A1
; Bublication No. US2033020362A1
; GENERAL INFORMATION:
; APPLICANT: Loren J. Miraglia
; APPLICANT: Breat P. Monia
; APPLICANT: Brich Koller
; APPLICANT: Brich Koller
; APPLICANT: Brich Koller
; APPLICANT: Mano Manoharan
; TITLE OF INVERTION: Antiense Modulation of mdm2 expression.
; FILE REFERENCE: ISPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; PRIOR FILING DATE: 2001-12-04
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1998-03-26
; NUMBER OF SEQ ID NOS: 379
; COFTWARE FEBRESCO FOR Windows Version 4.0
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       0; Indels
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   0; Mismatches
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Publication No. US20030203862A1
                                                                      1622 TTGTGTGATTTGTCAAGGTC 1641
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ORGANISM: Artificial Sequence
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20; Conservative
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US-10-005-344-303/c
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LENGTH: 20
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Matches
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Sequence 309, Application US/1005344

Publication No. US2003862Al

GENERAL INFORMATION:

APPLICANT: Loren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Bark J. Graham

APPLICANT: Brich Koller

APPLICANT: MingYi Chiang

FILE REFERNCE: ISPH-0622

CURRENT APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR APPLICATION NUMBER: US 09/280,805

SEQ ID NO 309

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LENGTH: 20

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LENGTH: 20
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  PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PASISEQ for Windows Version 4.0
SEQ ID NO 308
LENGTH: 20
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; APPLICANT: Loren J. Miraglia; APPLICANT: Pamela Nero; APPLICANT: Brett P. Monia; APPLICANT: Brett P. Monia; APPLICANT: Erich Koller; APPLICANT: MingYi Chiang; APPLICANT: MingYi Chiang; APPLICANT: Mano Manoharan
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
FEATURE:
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Matches 20; Conservative
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US-10-005-344-309/c
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US-10-005-344-310/c
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Fublication No. US20030203862A1

Fublication No. US20030203862A1

FUBLICANT: Loren J. Miraglia

APPLICANT: Daren J. Miraglia

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

ITILE OF INVENTION: Abtisense Modulation of mdm2 expression.

FURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-01-2-04

FRIOR PELLING DATE: 1998-03-26

FRIOR APPLICATION NUMBER: US 09/280,805

FRIOR APPLICATION NUMBER: US 09/280,805

FRIOR APPLICATION NUMBER: US 09/280,805
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Mark J. Graham

APPLICANT: Mano Manoharm

TITLE OF INVENTION: Altiense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 09/048,810
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                                                                                                                                                                                                                           0.8%; Score 20; DB 1; Length 20; 100.0%; Pred. No. 8.8e+02; tive 0; Mismatches 0; Indels
                                                    TYPE: DNA
ORGANISM: Artificial Sequence
PEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-307
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SEQ ID NOS: 379
SEQ ID NO 307
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                           1662 GTCCATGGCAAACAGGACA 1681
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 20; Conservative
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US-10-005-344-307/c
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US-10-005-344-308/c
SEQ ID NO 306
LENGTH: 20
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER 105/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 312
LENGTH: 20
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GURRENT PAPLICATION AUGUSTS.
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
FRIOR FILING DATE: 1999-03-
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-313
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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                                                                 Brett P. Monia
Erich Koller
MingYi Chiang
                                                                                                                                                                                     Mano Manoharan
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US-10-005-344-314/c
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TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PRIOR APPLICATION NUMBER: US 09/280,805
FRIOR FILING DATE: 1999-03-26
SOFTWARE: PASESEQ for Windows Version 4.0
SEQ ID NO 310
LENGTH: 20
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Bratt P. Monia
APPLICANT: Bratt P. Monia
APPLICANT: Brich Koller
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: ISPH-062.
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048.810
PRIOR PLING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
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0.8%; Score 20; DB 1; L
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-310
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Publication No. US20030203862A1
GENERAL INFORMATION:
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; Sequence 312, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
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LENGTH: 20
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JUNEARLY INCOMATION:

JAPPLICANT: Pamela Nero

JAPPLICANT: Pamela Nero

JAPPLICANT: Pamela Nero

JAPPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Brich Koller

JAPPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

JTTLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

GURRENT FILING DATE: 1998-03-26

FRIOR APPLICATION NUMBER: US 09/048,810

FRIOR APPLICATION NUMBER: US 09/280,805

FRIOR FILING DATE: 1999-03-26

FRIOR FILING DATE: 1999-03-26

JENGYHARE: FastSEQ for Windows Version 4.0

JENGTH: 20
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APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
ITILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: 1SPH-062.2
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
: LENGTH: 20
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. 8.8e+02;
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0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.6
Matches 20; Conservative 0; Mismatches
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Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                           Sequence 316, Application US/10005344
Publication No. US20030203862A1
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
                                                                                                                   JS-10-005-344-316/c
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 315
LENGTH: 20
                                                                                                                                                                                                                                                         TITLE OF INVENTION: Antiense Modulation of mdm2 expression. FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR FILING DATE: 1998-03-26

PRIOR PILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: PSELSEQ for Windows Version 4.0

SEQ ID NO 314
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-314
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COTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 315, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
Sequence 314, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1752 CCAATTCAAATGATTGTGCT 1771
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1762 TGATTGTGCTAACTTATTTC 1781
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ORGANISM: Artificial Sequence
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                                                                                APPLICANT: Loren J. Miraglia APPLICANT: Pamela Nero
                                                                                                                              APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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US-10-148-355A-71/c

Sequence 71, Application US/10148355A

Sequence 71, Application US/10148355A

Sequence 71, Application US/0030207831A1

Sequence 71, Application No. US20030207831A1

GENERAL INFORMATION:

APPLICANT: Bret P. Monia

APPLICANT: ISIS PHARMACEUTICALS, INC.

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: US/10/148,355A

CURRENT APPLICATION NUMBER: US/10/148,355A

CURRENT FILING DATE: 2002-09-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PRIDING DATE: 1999-03-26
SOFTWARE FASTESEQ FOR WINDOWS VERSION 4.0
SEQ ID NO 355
LENGTH: 20
                                                                                                                Query Match 0.8%; Score 20; DB 1; Length 20; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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                              OTHER INFORMATION: Antisense Oligonucleotide
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PRIOR FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 11
LENGTH: 20
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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Matches 20; Conserva
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                                       ; US-10-005-344-332
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brett P. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharanse Modulation of mdm2 expression.
TITLE OF INVENTION: Antiense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
GURRENT APPLICANTON NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR REPLIANG DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
LENGTH: 20
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Deren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: Brich Koller

APPLICANT: Brich Koller

APPLICANT: MinoYi Chiang

APPLICANT: MinoYi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

TITLE OF INVENTION: Autisense Wollation of mdm2 expression.

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR PILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR APPLICATION NUMBER: US 09/280,805
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
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US-10-005-344-318
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SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                     Sequence 318, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
                                                                                 1782 CCCTAGTTGACCTGTCTATA 1801
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                                                                                                                                   20 cccracrrcaccrcrcrara
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ORGANISM: Artificial Sequence
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LENGTH: 20
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US-10-174-460-78/c
US-10-174-460-78/c
Sequence 78, Application US/10174460
PUBLICATION NO. US20030232441A1
SEQUENCE 78, Application No. US20030232441A1
SEQUENCE 10: Who is
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 4 EXPRESSION
CURRENT APPLICATION NUMBER: US/10/174,460
CURRENT FILING DATE: 2002-06-17
NUMBER OF SEQ ID NOS: 109
SEQ ID NO 78
LENGTH: 20
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| Sequence 87, Application US/10189267 |
| Publication No. US20040006030A1 |
| GENERAL INFORMATION: |
| APPLICANT: Brett P. Monia |
| APPLICANT: Susan M. Preier |
| APPLICANT: Kenneth W. Dobie |
| TITLE REFERENCE: PIS-0038 |
| CURRENT APPLICATION NUMBER: US/10/189,267 |
| CURRENT PILING DATE: 2002-07-02 |
| NUMBER OF SEQ ID NOS: 284 |
| SEQ ID NO 87 |
| LENGTH: 20
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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OTHER INFORMATION: Antisense Oligonucleotide
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                                            2338 TCCCAAAGTGCTGGGATTAC 2357
                                                                                                                   1 rcccaaagrcrcccarrac 20
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Sequence 62. Application US/20030216333A1

GENERAL INFORMATION:
APPLICANT: 1818 Pharmaceuticals, Inc.
APPLICANT: 1818 Pharmaceuticals, Inc.
APPLICANT: Madeline W. Butler
CURRENT PAPPLICATION NUMBER: US/10/181,875
CURRENT PILING DATE: 2002-07-22
PRIOR FILING DATE: 2000-01-21

PRIOR FILING DATE: 2000-01-21

NUMBER OF SEQ ID NOS: 88

SEQ ID NO 62

LENGTH: 20
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| Sequence 73, Application US/10148355A
| Publication No. US20030207831A1
| GENERAL INFORMATION:
| APPLICANT: Brett P. Monia
| APPLICANT: Lex M. Cowester
| APPLICANT: LISTS PHARACEUTICALS, INC.
| TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
| TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
| TITLE OF INVENTION: ANTISENSE NOUNCE OF THE O
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                                                                                                                   Length 20;
                                                                                                    Query Match

0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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// OTHER INFORMATION: Antisense Oligonucleotide

US-10-148-355A-73
, OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-71
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-875-62
                                                                                                                                                                                                                                                         2292 CAGGATGGTCTCGATCTCCT 2311
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.0
Matches 20; Conservative
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Sequence 581, Application US/10671395
; Bublication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: PHARMATION:
; APPLICANT: PHARMATION:
; TITLE OF INVENTION: BARPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2003-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 581
; LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Glerse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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Ouest Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
                                                   Score 20; DB 1; L
Pred. No. 8.8e+02;
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100.0%; Pred. No. 8.8e+02;
tive 0; Mismatches 0;
                                     0.8%; bcc.
100.0%; Pred. No. c.
0; Mismatches
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US-10-671-395-581
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-669
                                                                                                                                      2333 CGGCCTCCCAAAGTGCTGGG 2352
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SOFTWARE: Patentin version 3.2
SEQ ID NO 669
                                              Query Match 0.8
Best Local Similarity 100.
Matches 20; Conservative
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ORGANISM: artificial
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        US-10-671-395-464
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Publication No. US20040132063A1
GENDERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REPERENCE: 1179/1/US
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
FILE REFERENCE: PTS-0038
CURRENT APPLICATION NUMBER: US/10/189,267
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 284
SEQ ID NO 222
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; Sequence 80, Application US/10303165
; Publication No. US20040101847A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF NOTCH2 EXPRESSION
; FILE REFERENCE: RTS-0387
; CURRENT APPLICATION NUMBER: US/10/303,165
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ 1D NOS: 152
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-165-80
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
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ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 20; Conservative
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Matches 20; Conservative
                                                                                                                                                                            TYPE: DNA
ORGANISM: H. sapiens
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US-10-189-267-222
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LENGTH: 20
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REPRENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-69-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PALENTIN VERSION 3.2
SEQ ID NO 1347
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 3. Application US/10737576;
Publication No. US20040132186A1
GENERAL INFORMATION:
APPLICANT: Weisman, Irving L.
APPLICANT: Traver, David Jeffrey
APPLICANT: ARashi, Kolchi
ITLE OF INVENTION: SUBSETS
FILE REPERENCE: STAN126C1P
CURRENT APPLICATION NUMBER: US/10/737,576
CURRENT APPLICATION NUMBER: US/09/956,279
PRIOR PILING DATE: 2001-09-17
PRIOR PLLING DATE: 2001-09-17
PRIOR PLLING DATE: 2001-09-17
PRIOR PLLING DATE: 2000-06-29
PRIOR PLLING DATE: 1999-06-29
PRIOR FILING DATE: 1999-06-29
PRIOR FILING DATE: 1999-06-29
SOUTWARE PERSON NUMBER: 60/141,421
PRIOR PLING DATE: 1999-06-29
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 0.8%; Score 20; DB 1; Le Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-1347
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GENERAL INFORMATION:
APPLICANT: QU, KEVIN S.
APPLICANT: SFERRUZZA, ANTHONY
      Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: artificial
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Publication No. US20040132063A1

GENERAL INFORMATION:

APPLICANT: Glarse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE;

TITLE OF INVENTION: EXPRESSION

FILE REPRESENCE: 1179/1/US

CURRENT FILING DATE: 2003-09-25

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: PATCHIN VERSION 3.2

LENGTH: 20
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; Fouliscation No. US20040132063A1
; Fouliscation No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN EZ SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; TITLE OF INVENTION NUMBER: US/10/671,395
; CURRENT PELIGN DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR APPLICATION DATE: 2002-09-25
; PRIOR APPLICATION DATE: 2002-09-25
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0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-933
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20 TCGGCCTCCCAAAGTGCTGG 1
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 1145
LENGTH: 20
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US-10-671-395-1347/c
                                                                                                                                                   US-10-671-395-933/c
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WS-10-746-547-78

Sequence 78, Application US/10746547

Sequence 78, Application US/10746547

Publication No. US20040219575A1

GENERAL INFORMATION:

APPLICANT: Neuman, Toomas

APPLICANT: Palm, Kaia

APPLICANT: Palm, Kaia

APPLICANT: Palm, Kaia

APPLICANTON: Methods and Compositions for the Diagnosis, and

TITLE OF INVENTION: Treatment of Cancer

FILE REPRESENCE: 33763/US (47322-00003)

CURRENT APPLICATION NUMBER: US 60/436,693

PRIOR PILING DATE: 2003-12-24

PRIOR FILING DATE: 2002-12-26

NUMBER OF SEQ ID NOS: 115

SOSTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Neuman, Toomas
APPLICANT: Neuman, Toomas
APPLICANT: Palm, Kaia
TITLE OF INVENTION: Methods and Compositions for the Diagnosis, Prognosis, and
TITLE OF INVENTION: Treatment of Cancer
FILE REFERENCE: 33763/US (473322-00003)
CURRENT APPLICATION NUMBER: US/10/746,547
PRIOR APPLICATION NUMBER: US 60/436,693
PRIOR FILING DATE: 2002-12-26
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                                                                                                                                                              DB 1; Length 20;
8.8e+02;
                                                                                                                                                           Query Match

0.8%; Score 20; DB
Best Local Similarity 100.0%; Pred. No. 8.8
Matches 20; Conservative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 77, Application US/10746547; Publication No. US20040219575A1; GENERAL INFORMATION:
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SOFTWARE: Patentin version 3.2
SEQ ID NO 77
LENGTH: 20
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; ORGANISM: Homo sapiens
US-10-746-547-78
                                                           TYPE: DNA
CORGANISM: Homo sapiens
US-10-746-547-76
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; ORGANISM: Homo sapiens
US-10-746-547-77
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Best Local Similarity
Matches 20; Conserv
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          SEQ ID NO 76
LENGTH: 20
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LENGTH: 20
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Publication No. US20040219575A1
REDISALI INFORMATION:
GENERAL INFORMATION:
TERRIT PAIM, Kaia
TITLE OF INVENTION: Treatment of Cancer
TITLE OF INVENTION: Treatment of Cancer
FILE REPERENCE: 33763/US (473322-0003)
CURRENT FILING DATE: 2003-12-24
PRIOR APPLICATION NUMBER: US 60/436,693
PRIOR APPLICATION NUMBER: US 60/436,693
PRIOR APPLICATION NUMBER: US 60/436,693
NUMBER OF SEQ ID NOS: 115
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Publication No. US20040219575A1
GENERAL INFORMATION:
APPLICANT: Palm, Kaia
FILE REFERENCE: 33763/US (473322-00003)
FILE REFERENCE: 33763/US (473322-00003)
CURRENT FAPLICATION UNMBER: US 100746,547
CURRENT FILING DATE: 2003-12-24
PRIOR APPLICATION NUMBER: US 60/436,693
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETERMINING GENOTYPES FILE REFERENCE: 034827-3002
CURRENT APPLICATION NUMBER: US/10/714,508
CURRENT FILING DATE: 2003-11-14
PRIOR APPLICATION NUMBER: 60426,639
PRIOR FILING DATE: 2002-11-15
NUMBER: OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 3.2
LENGTH: 20
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Pred. No. 8.8e+02;
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SOFTWARE: Patentin version 3.2
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CORGANISM: Homo sapiens
US-10-746-547-74
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LENGTH: 20
                                                                                                                                                                                                                                                           TYPE: DNA
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Page 288

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VERSION 3.2
SEQ ID NOS: 21135
TYPE. ....
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Publication No. US/20040191818A1

GENERAL INFORMATION:

APPLICANT: Weth

APPLICANT: Liu, Wei

TITLE OF INVENTION: DISEASES

FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION WHORER: US/10/786,720

CURRENT PILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: Patentin version 3.2

LENGTH: 21

LENGTH: 21

LENGTH: 21

LENGTH: 21
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APPLICANT: 10'7001e, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13161
LENGTH: 21
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Pred. No. 8.8e+02;
6; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 CAGGAUGGUCUCGAUCUCCU 20
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; ORGANISM: RNAi-antisense strand
US-10-786-720-13158
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Best Local Similarity 70.0%;
Matches 14; Conservative
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US-10-746-547-80

Sequence 80, Application US/10746547

Publication No. US20040219575A1

GENERAL INFORMATION:

APPLICANT: Neuman, Toomas

APPLICANT: Palm, Kaia

TITLE OF INVENTION: Treatment of Cancer

FILE REFERENCE: 33763/US (473322-00003)

CURRENT APPLICATION NUMBER: US/10/746,547

CURRENT PILING DATE: 2002-12-24

PRIOR PILING DATE: 2002-12-26

NUMBER OF SEQ ID NOS: 115

SEQ ID NO 80

LENGTH: 20

LENGTH: 20
                                                                                                                                                                                                                                              Sequence 79, Application US/10746547

Publication No. US20040219575A1

GENERAL INFORMATION:

APPLICANT: Neuman, Toomas

APPLICANT: Neuman, Toomas

TITLE OF INVENTION: Treatment of Cancer

TITLE OF INVENTION: Treatment of Cancer

FILE REFERENCE: 33763/US (473322-00003)

CURRENT PILING DATE: 2003-12-24

PRIOR APPLICATION NUMBER: US 60/436,693

PRIOR APPLICATION NUMBER: US 60/436,693

NUMBER OF SEQ ID NOS: 115

SOFTWARE: Patentin version 3.2

SEQ ID NO 79

LENGTH: 20
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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0.8%; Score 20; DB 1; L.
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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APPLICANT: Wyeth APPLICANT: O'Toole, Margot
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1007 AGGTGATTGGTTGGATCAGG 1026
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                                                                                                                           1 GAGCAGGCAAATGTGCAATA 20
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CRGANISM: Homo sapiens
US-10-746-547-79
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CORGANISM: Homo sapiens
US-10-746-547-80
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Sequence 13236, Application US/10786720
Sequence 13236, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEA
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Sequence 13244, Application US/10786720

Publication No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: USO Toole, Margot

APPLICANT: Liu, Wei

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: US/10/786,720

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT PILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOUTWARE: PatentIn version 3.2

SEQ ID NO 13244
                                                        APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: O'TOOLE, MATGOT
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AMI01331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN Version 3.2
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Pred. No. 8.88+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.8%; Score 20; DB 1; Length 21; Best Local Similarity 75.0%; Pred. No. 8.8e+02; Matches 15; Conservative 5; Mismatches 0; Indels
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70.0%; Pred. No. s.c.
'... 6; Mismatches
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ORGANISM: RNAi-antisense strand
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: RNA ORGANISM: RNAi-antisense strand
Publication No. US20040191818A1
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Best Local Similarity 70.09
Matches 14; Conservative
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LENGTH: 21
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US-10-786-720-13229, Application US/10786720
Sequence 13229, Application US/10786720
Sequence 13229, Application No. US20040191818A1
Sequence 13229, Application No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: O'TOOLE, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21335
SOFTWARE: PATENTIN VETSION 3.2
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Publication No. US20040191818A1
GENERAL INCOMMATION:
GENERAL INCOMMATION:
GENERAL INCOMMATION:
APPLICANT: W/est
APPLICANT: O'TOOLE, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
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Score 20; DB 1; Lengtn 21;
Pred. No. 8.8e+02;
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Pred. No. 8.8e+02;
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US-10-786-720-13230
                        Query Match
Best Local Similarity 70.0%;
Matches 14; Conservative
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; ORGANISM: RNAi-sense strand
US-10-786-720-13229
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US-10-786-720-13230
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US-10-786-720-13233
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LENGTH: 21
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FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: A primer for use in PCR
OTHER INFORMATION: amplification of the human genomic DNA to generate a polynucleoti
OTHER INFORMATION: which is capable of hybridizing to the CYP2B6 gene, and is useful;
OTHER INFORMATION: genotyping of individual CYP2B6 alleles.
US-09-958-635A-27
                                                                                    Sequence 24010, Application US/10751736

Publication No. US20040265230A1

GENERAL INPOWMATON:

APPLICANT: Wyeth

APPLICANT: Martinez, Robert

APPLICANT: Liu, Weil

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

TITLE OF INVENTION: CANCERS

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Sequence 27, Application US/09958635A

Sequence 27, Application US/09958635A

Publication No. US20040224313A1

GENERAL INFORMATION:

APPLICAMT: ZANGER, Ulrich

TITLE OF INVENTION: and their use in diagnostic and therapeutic

TITLE OF INVENTION: applications

FILE REPERENCE: VOS-19

CURRENT APPLICATION NUMBER: US/09/958,635A

CURRENT FILING DATE: 2001-0-09

FRIOR FILING DATE: 2001-0-09

NUMBER: OF SEQ ID NOS: 64

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 27

LENGTH: 22
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0.8%; Score 20; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 20; Conservative 0; Mismatches 0;
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US-09-740-668A-55/c
; Sequence 55, Application US/09740668A
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US-10-751-736-24010
                                                                      US-10-751-736-24010
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GENERAL INFORMATION:
APPLICANT: Weth
APPLICANT: Wyeth
APPLICANT: With Weith
APPLICANT: Liu, Wei
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILLING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Parentin version 3.2
SEQ ID NO 13245
LENGTH: 21
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Sequence 20440, Application US/10786720

Sequence 20440, Application US/10786720

Publication No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Liu, Wei

TITLE OF INVENTION: DISEASES

FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2

SEQ ID NO 20440

LENGTH: 21
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                                                                                                                                                                    Query Match 0.8%; Score 20; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 8.8e+02; Matches 20; Conservative 0; Mismatches 0; Indels
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) ORGANISM: RNAi-antisense strand

US-10-786-720-13245
                               ; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13244
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Matches 20; Conserva
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LENGTH: 21
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TITLE OF INVENTION: No. US20040039163Alel Proteins and Nucleic Acids Encoding Same
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IITLE OF INVENTION: No. US20040043382A1el Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 21402-290C
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0.8%; Score 19.6; DB 1; Length 26;
Best Local Similarity 84.6%; Pred. No. 9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) OTHER INFORMATION: Description of Artificial Sequence:
, OTHER INFORMATION: oligonucleotide primer
US-09-939-853A-111
                     PILE REFERENCE: 21402-099
CURRENT APPLICATION NUMBER: US/09/939,853A
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: 60/228,191
PRIOR PILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: 60/267,300
PRIOR PILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: 60/269,961
PRIOR PILING DATE: 2001-02-20
PRIOR PILING DATE: 2001-02-20
PRIOR FILING DATE: 2001-03-20
PRIOR FILING DATE: 2001-03-20
NUMBER OF SEQ ID NOS: 159
NUMBER OF SEQ ID NOS: 159
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; Publication No. US20040043382A1
; GENERAL INFORMATION:
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APPLICANT: Spytek, Kimberly A.
APPLICANT: Shenoy, Suresh G.
APPLICANT: Taupler Jr., Raymond J.
APPLICANT: Pena, Carol E.A.
APPLICANT: Li, Li
APPLICANT: Zerhusen, Bryan D.
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Gusev, Vladimir Y.
APPLICANT: Ji, Weizhen
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Tchernev,, Velizar
Fernandes, Elma R.
                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gorman, Linda
Miller, Charles E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Anderson, David W.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Patturajan, Meera
Gangolli, Esha A.
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Malyankar, Uriel
Gerlach, Valerie
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Leite, Mario W.
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Rieger, Daniel K.
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                                                                                                                                                                                                                                                                                                                                                           SEQ ID NO 111
LENGTH: 26
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               GENERAL INFORMATION:
APPLICANT: Shimkets, Richard
ITILE OF INVENTION:
TITLE OF INVENTION:
TITLE OF INVENTION:
CURRENT PAPLICATION NUMBER: US/09/740,668A
CURRENT PAPLICATION NUMBER: US/09/740,668A
CURRENT PAPLICATION NUMBER: PCT/US99/29584
PRIOR PELION DATE: 1999-12-17
PRIOR APPLICATION NUMBER: 60/113,485
PRIOR PELING DATE: 1999-12-16
PRIOR PELING DATE: 1999-12-18
PRIOR PELING DATE: 1999-12-18
PRIOR PELING DATE: 1999-12-18
SEQ ID NOS: 98
SEQ ID NOS: 98
SEQ ID NO 55
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Patent No. US20020106657A1

GENERAL INPORMATION:

APPLICANT: Maren T. Scheuner (Inventor)

APPLICANT: Maring Yang (Inventor)

APPLICANT: Huying Yang (Inventor)

TITLE OF INVENTION: On US20020106657A1-responsiveness to Statin Drug Treatment

TITLE OF INVENTION: No. US20020106657A1-responsiveness to Statin Drug Treatment

FILE REPRENCE: 18810-82302

CURRENT APPLICATION NUMBER: US/09/698,779

CURRENT PILING DATE: 2001-07-03

PRIOR PILING DATE: 1999-07-02

NUMBER OF SEQ ID NOS: 110

SOFTWARE: FRASESEQ for Windows Version 4.0
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: 2826468 expression probe primer
US-09-740-668A-55
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.8%; Score 19.6; DB 3 Best Local Similarity 84.6%; Pred. No. 9e+02; Matches 22; Conservative 0; Mismatches
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... Sequence 111, Application US/09939853A
... Publication No. US20040039163A1
... GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%;
Best Local Similarity 84.6%;
Matches 22; Conservative (
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US20020076700A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Homo sapiens
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LENGTH: 26
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TYPE: DNA
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Publication No. US20030008346A1
GENERAL INFORMATION:
APPLICANT: Bartel, Paul L.
APPLICANT: Tavtsjaian, Sean V.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: WMSC1 - An WMAC1 Interacting Protein
FILE REFERENCE: MMSC1 Gene
CURRENT APPLICATION NUMBER: US/09/998,425
CURRENT APPLICATION NUMBER: 2001-12-03
FRIOR FILING DATE: EARLIER FILING DATE: 1999-01-19
FRIOR APPLICATION NUMBER: EARLIER PILING DATE: 1999-01-19
FRIOR FILING DATE: EARLIER FILING DATE: 1998-01-20
NUMBER OF SEQ ID NOS: 65
SEQ ID NO SI
LENGTH: 21
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NUMBER OF SEQ ID NOS: 768
LENGTH: 26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.8%; Score 19.6; DB 1; Length 26; Best Local Similarity 84.6%; Pred. No. 9e+02; Matches 22; Conservative 0; Mismatches 4; Indels
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PRIOR PELLING DATE: 2001-03-06
PRIOR PELLING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: USSN 60/283,675
PRIOR PLILING DATE: 2001-04-13
PRIOR PLILING DATE: 2001-12-03
PRIOR PLILING DATE: 2001-03-08
PRIOR PELLING DATE: 2001-09-27
PRIOR PELLING DATE: 2001-09-27
PRIOR PELLING DATE: 2001-09-27
PRIOR PELLING DATE: 2001-09-37
PRIOR PELLING DATE: 2001-03-30
PRIOR PELLING DATE: 2001-05-31
PRIOR PELLING DATE: 2001-05-31
PRIOR PELLING DATE: 2001-04-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: Artificial Sequence
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US-09-998-425-61
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US-10-032-49-40

i Sequence 40, Application US/10032495

i Publication No. US20020155601A1

i GENERAL INFORMATION:
    TITLE OF INVENTION:
    TITLE O
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; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-032-495-40
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0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels
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Sequence 61, Application US/0997977

Publication No. US20030027228A1

GENERAL INFORMATION:
APPLICANT: Bartel, Paul L.
APPLICANT: Tavtigian, Sean V.
APPLICANT: Tavtigian, Sean V.
TILE REFERENCE: MAKSCI - An MWACI Interacting Protein
FILE REPERENCE: MAKSCI Gene
CURRENT APPLICATION NUMBER: US/09/997, 977
CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: US 60/071,861
PRIOR PLING DATE: 1999-01-19
PRIOR PILING DATE: 1999-01-20
NUMBER OF SEQ ID NOS: 65
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 61
LENGTH: 21
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US-10-255-434-7/c
; Sequence 7, Application US/10255434
; Publication No. US20030129626A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence FEATURE:
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Query Match
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APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: Patentin Ver. 2.1
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Publication No. US20030129626A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly TITLE OF INVENTION: Distributed Repeat Sequences in Genomic Nucleic Acid CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SECTION OF THE CONTRACT OF THE CURRENT FILING DATE: 2002-09-24
SOUTHWARE PROBLEM OF THE CONTRACT OF THE C
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US-10-002-623-736
; Sequence 736, Application US/10002623
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LENGTH: 21
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                                          APPLICANT: OEFNER, PETER J.
APPLICANT: UNDERHILL, PETER A.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: A PETLIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
TITLE OF INVENTION: POPULATIONS
FILLE OF INVENTION: POPULATIONS
CURRENCE: STAN-212
CURRENT APPLICATION NUMBER: US/10/002,623
CURRENT APPLICATION NUMBER: US 60/245,355
PRIOR FILLING DATE: 2000-11-01
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APPLICANT: SI, ERWIN
APPLICANT: SI, ERWIN
APPLICANT: SI, ERWIN
TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REPERENCE: 13597.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT APPLICATION DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SOFTWARE: Patentin Ver. 2.1
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Sequence 18, Application US/10722689A

Publication No. US20040191905A1

GENERAL INFORMATION:

APPLICANT: STEVENSON, Mario

APPLICANT: JACQUE, Jean-Marc

TITLE OF INVENTION: MODULATION OF HIV REPLICATION BY RNA

TITLE OF INVENTION: INTERFERENCE

FILE REFERENCE: UMY-034
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ilarity 95.2%; Pred. No. 9.4e+02;
Conservative 0; Mismatches 1;
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95.2%; Pred. No. 9.4e+02;
tive 0; Mismatches 1;
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US-10-091-281-241
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                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 952
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 736
LENGTH: 21
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US20030134285A1
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Best Local Similarity 95.2*
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Homo Sapiens
US-10-002-623-736
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ORGANISM: Homo sapiens
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Matches 20; Conserv
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LENGTH: 21
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US-10-786-720-13246/C
US-10-786-720-13246/C
Sequence 12246, Application US/10786720
| Sequence 12246, Application US/10786720
| Sequence 12246, Application US/20040191818A1
| Sequence 12246, Application US/20040191818A1
| GENERAL INFORMATION: US/20040191818A1
| APPLICANT: Wyeth
| APPLICANT: Usu, Wei
| TITLE OF INVENTION: DISEASES
| TITLE OF INVENTION: DISEASES
| FILE REPERDICE: 031896-02300 (AM101331L)
| CURRENT APPLICATION NUMBER: US/10/786,720
| CURRENT FILING DATE: 2004-02-26
| NUMBER OF SEQ ID NOS: 21135
| SEQ ID NO 13246
| LENTH: 21
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APPLICANT: 0'TOOLE, Margot
APPLICANT: 11u, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISBASES
FILE REFERENCE: 031896-023000 (AMI01331L)
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
LENGTH: 21
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         Query Match

0.8%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1; Indels
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8-10-78-10-14251
; Sequence 14251, Application US/10786720
; Publication No. US20040191818A1
                                                                                                      2283 CGTGTTAGCCAGGATGGTCTC 2303
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Best Local Similarity 95.2%;
Matches 20; Conservative
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Matches 20; Conservative
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US-10-786-720-13240
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Sequence 13227, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: O'TOOLe, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13237
LENGTH: 21
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM.01331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SSQ ID NO 13162
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PRIOR FILING DATE: 2002-11-22
PRIOR APPLICATION NUMBER: 60/444893
PRIOR FILING DATE: 2003-02-04
NUMBER OF SEQ ID NOS: 20
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 18
LENGTH: 21
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                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Homo sapiens
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CORGANISM: Homo sapiens
US-10-786-720-13237
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Sequence 424.12, Application US/10751736

Publication No. US20040265230A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wartinez, Robert
APPLICANT: Brown, Eugene
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/781,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
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APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
THE REPERENCE: AM1009277 (031896-002000)
CURRENT PAPLICATION NUMBER: US PROVISIONAL Application 60/438,000
PRIOR PLIL OF PRIOR PLIL SOURCE : 2003-01-06
PRIOR FILLING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
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Pred. No. 9.4e+02;
0; Mismatches 1; Indels
                                                                                                                                               Length 21;
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0.8%; Score 19.4; DB 1;
Best Local Similarity 95.2%; Pred. No. 9.4e+02;
Matches 20; Conservative 0; Mismatches 1;
                                                                                                                                               Query Match 0.8%; Score 19.4; DB 1; Best Local Similarity 95.2%; Pred. No. 9.4e+02; Matches 20; Conservative 0; Mismatches 1;
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SOFTWARE: Patentin version 3.2
SEQ ID NO 42412
LENGTH: 21
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                                    ; ORGANISM: Homo sapiens
US-10-786-720-20374
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ORGANISM: homo sapiens
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ORGANISM: homo sapiens
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Best Local Similarity
Matches 20; Conserva
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LENGTH: 21
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: USSASS
FILE REFRERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOCTOMARRE: Patentin version 3.2
LENGTH: 21
                                                       APPLICANT: 0'TOOLE, Margot
APPLICANT: 0'TOOLE, Margot
APPLICANT: 1iu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 14251
LENGTH: 21
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'TOOle, Margot
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT FILING DATE: 2004-02-26
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
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Best Local Similarity 95.29
Matches 20; Conservative
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US-10-786-720-14251
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US-10-786-720-20173
GENERAL INFORMATION:
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LENGTH: 21
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Query Match 0.8%;
Best Local Similarity 95.2%;
Matches 20; Conservative (
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Best Local Similarity 95.2%;
Matches 20; Conservative
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CORGANISM: homo sapiens
US-10-751-736-43813
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ORGANISM: RNAi
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US-09-989-420-50
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                                                                                                                                                                                                                                                 APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
TOWNERN APPLICATION NUMBER: US /10/751,736
CURRENT FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SEQ ID NO 42862
LENGTH: 21
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BUBLICANT: Wyeth
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wet
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wet
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM.00927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT PILING DATE: 2003-01-06
FRIOR FILING DATE: 2003-01-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.8%; Score 19.4; DB 1; Length 21; 95.2%; Pred. No. 9.4e+02; Live 0; Mismatches 1; Indels
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Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Wyeth
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2231 TGCCACCACCTGGCTAATT 2251
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SOFTWARE: Patentin version 3.2
SEQ ID NO 43678
LENGTH: 21
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Matches 20; Conservative
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ORGANISM: homo sapiens
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ORGANISM: homo sapiens
                                                                                                                                         US-10-751-736-42862/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-751-736-43678/c
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RESULT 935

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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM100927 (201896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR PAPPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SSDFTWARE: PatentIn version 3.2
SEQ ID NO 43679
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AN100927 (031996-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR PILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE PACENTIN VERSION 3.2
SEQ ID NO 43813
LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 21;
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Pred. No. 9.4e+02;
0; Mismatches 1;
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A APPLICANT: MINENO, Junichi et al., TITLE OF INVENTION:
FILE REFERENCE: 1422-0506P
Sequence 43679, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 43813, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
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AND HNF-4ALPHA
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Publication No. US20040137423A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Pimstone, Simon
APPLICANT: Dimstone, Simon
APPLICANT: Clee, Susanne M.
TITLE OF INVENTION: Compositions and Methods for Modulating
TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
TITLE OF INVENTION: UNDER: 2003-12-23
CURRENT APPLICATION NUMBER: 09/654,323
FRIOR APPLICATION NUMBER: US 60/124,702
FRIOR APPLICATION NUMBER: US 60/124,702
FRIOR PILING DATE: 1999-03-15
FRIOR PILING DATE: 1999-03-15
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                                                                                                                                                                                                                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compartible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/754,106
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 19.2; DB 1;
Pred. No. 9.4e+02;
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0.8%; Score 19.2; D
Best Local Similarity 87.5%; Pred. No. 9.4e
Matches 21; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION:
PRIOR APPLICATION DATA:
PRIOR APPLICATION NUMBER: 08/927,219
FILING DATE:
PRIOR APPLICATION NUMBER: 08 0/028,056
FILING DATE: 02-0C-1996
PRIOR APPLICATION NUMBER: US 60/025,719
FILING DATE: 10-SEP-1996
ATTOCNEY/AGENT INPORMATION:
NAME: Wilson, Mark B.
REGISTRATION NUMBER: 37,259
REFERENCE/DOCKET NUMBER: ARCD:272
TELECOMMUNICATION INPORMATION:
MATECOMMUNICATION INPORMATION:
TELECOMMUNICATION INPORMATION:
MEDISTRATION NUMBER: ARCD:272
TELECOMMUNICATION INPORMATION:
MEDISTRATION NUMBER: ARCD:272
TELECOMMUNICATION INPORMATION:
MEDISTRATION NUMBER: ARCD:272
                               TITLE OF INVENTION: MUTATIONS IN THE DITTLE OF INVENTION: MUTATIONS IN THE DITTLE OF INVENTION: AND HNR-4ALPHA NUMBER OF SEQUENCES: 147

CORRESPONDENCE ADDRESS:
ADDRESSE: Arnold, White & Durkee STREET: P.O. Box 4433
CITY: Houston STATE: Texas
COUNTRY: USA
ZIP: 77210
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
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EDNESS: single
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; TOPOLOGY: linear
US-09-754-106-122
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| Publication No. US20040018525A1
| GENERAL INFORMATION:
| APPLICANT: Wirtz, Raiph
| APPLICANT: Wirtz, Raiph
| APPLICANT: Wannes, Marc
| APPLICANT: Kallabis, Harald
| TITLE OF INVENTION: BETHORS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS;
| TITLE OF INVENTION: BETHORS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PRIESTED OF INVENTION WINBER: E03003112.4
| FILE REFERENCE: Las 36 108 US/10/435,696
| CURRENT FILING DATE: 2003-05-09
| PRIOR APPLICATION NUMBER: EP02010291.9
| PRIOR PILING DATE: 2002-05-21
| PRIOR PILING DATE: 2002-05-21
| NUMBER OF SEQ ID NOS: 314
| SOOFTWARE: PALENTIN VERSION 3.1
                                                                                                                                                                                                                                                   ) OTHER INFORMATION: Description of Artificial Sequence: a sequence of a primer for am ; OTHER INFORMATION: BRCA1 gene US-09-989-420-50
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                                                                                                                                                                                                                                                                                                                                                              0.8%; Score 19.4; DB 1; Length 22; 95.2%; Pred. No. 9.3e+02; tive 0; Mismatches 1; Indels
CURRENT APPLICATION NUMBER: US/09/989,420 CURRENT FILING DATE: 2001-11-21 NUMBER OF SEQ ID NOS: 69 SOFTWARE: Patentin Ver. 2.1 SEQ ID NO 50 LENGTH: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: D17S614 reverse primer
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Publication No. US20030224355A1
GENERAL INFORMATION:
APPLICANT: Bell, Graeme I.
APPLICANT: Yamagata, Kazuya
APPLICANT: Kaisaki, Pamela J.
APPLICANT: Raisaki, Pamela J.
APPLICANT: Puruta, Hiroto
APPLICANT: Horikawa, Yukio
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2340 CCAAAGTGCTGGGATTACAGG 2360
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; LOCATION: (1)...(1)
; OTHER INFORMATION: n=a, c, g or t
US-10-435-656-244
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                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 95.27
Matches 20; Conservative
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LENGTH: 23
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PRIOR FILING DATE: 1999-06-08

PRIOR APPLICATION NUMBER: US 60/139,600

PRIOR FILING DATE: 1999-06-17

PRIOR APPLICATION NUMBER: US 60/151,977

PRIOR PILING DATE: 1999-09-01

PRIOR PILING DATE: 1900-03-15

PRIOR FILING DATE: 2000-03-15

PRIOR FILING DATE: 2000-03-15

PRIOR FILING DATE: 2000-06-23

NUMBER OF SEQ ID NOS: 256

SOFTWARE: Word for Windows Version 6.0 (ASCII Text)

LENGTH: 24

; TYPE: DNA ; ORGANISM: homo sapien US-10-745-377-17

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Sequence 17, Application US/10872113

Publication No. US200402297541

GENERAL INFORMATION:

APPLICANT: Hayden, Michael R.

APPLICANT: Pimstone, Simon

APPLICANT: Elecke, Misson, Angela R.

APPLICANT: Clee, Simon

TITLE OF INVENTION: Compositions and Methods for Modulating

TITLE OF INVENTION: Compositions and Triglyceride Levels

TITLE OF INVENTION: Hold Cholesterol and Triglyceride Levels

TITLE OF INVENTION: Hold Cholesterol and Triglyceride Levels

TITLE OF INVENTION: Hold Cholesterol and Triglyceride Levels

FILE REFERENCE: 760050-138

CURRENT APPLICATION NUMBER: US/0674,323

PRIOR PELLING DATE: 1999-06-10

PRIOR PELLING DATE: 1999-06-10

PRIOR PELLING DATE: 1999-06-17

PRIOR APPLICATION NUMBER: US 60/139,508

PRIOR PELLING DATE: 1999-06-17

PRIOR PELLING DATE: 2000-03-15

PRIOR PELLING DATE: 2000-06-23

PRIOR PELLING DATE: 2000-06-23

NUMBER OF SEQ ID NOS: 256

NUMBER OF SEQ ID NOS: 256

SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
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Query Match 0.8%; Score 19.2; DB 1; Length 24; Best Local Similarity 87.5%; Pred. No. 9.4e+02; Matches 21; Conservative 0; Mismatches 3; Indels
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                                                                                                                                        2293 AGGATGGTCTCGATCTCCTGACCT 2316
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                                                                                                                                                                                                            1 AGGTTGGTTTCGAACTCCTGACCT 24
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: homo sapien
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US-10-793-389-12/c
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APPLICANT: Yin, James Q.
TITLE OF INVENTION: Methods for design and selection of short double-stranded TITLE OF INVENTION: Methods for design and compounds of gene drugs FILE REFERENCE: 01-2793
CURRENT APPLICATION NUMBER: US/10/016,490C
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 6
LENGTH: 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: PCR primer based on M. musculus sequence of mdm2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    3; Indels
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Fublication No. US20040209290A1
GENERAL INFORMATION:
APPLICANT: GENOMIC HEALTH, INC.
APPLICANT: Cobleigh, Melody
APPLICANT: Shak, Steven
APPLICANT: Baker, Joffre
APPLICANT: Baker, Joffre
APPLICANT: CANDIN, MALESH
TITLE OF INVENTION: GENE EXPRESSION MARKERS FOR BREAST
TITLE OF INVENTION: CANCER PROGNOSIS
Sequence 12, Application US/10793389
Publication No. US2004021617841
GENERAL INFORMATION:
APPLICANT: Steinman, Heather
APPLICANT: Steinman, Heather
APPLICANT: Jones, Stephen N
ITILE OF INVENTION: REGULATION OF MDM2 FUNCTION
FILE REFERENCE: 07917-199001
CURRENT APPLICATION NUMBER: US/10/793,389
CURRENT FILING DATE: 2004-03-03
FRIOR FILING DATE: 2003-03-03
NUMBER OF SEQ ID NOS: 12
SOFTWARE: Patentin version 3.2
SEQ ID NO 12
LENGTH: 25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match

0.8%; Score 19.2; DB 1;
Best Local Similarity 87.5%; Pred. No. 9.4e+02;
Matches 21; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: The same as those in human
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                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: artificial
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Sequence 13157, Application US/10786720

Publication No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Wyeth

APPLICANT: Corole, Margot

APPLICANT: Corole, Margot

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION WHORE: US/10/786,720

CURRENT APPLICATION WHORE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PACENTIN VERSION 3.2

SEQ ID NO 13157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 1455, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: EXPRESSION
FILLE OF INVENTION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
FRIOR APPLICATION NUMBER: 60/413,549
FRIOR FILLING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE PRESENT OF SEQ ID NOS: 1809
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100.0%; Pred. No. 9.8e+02;
ive 0; Mismatches 0; Indels
          CURRENT APPLICATION NUMBER: US/10/671,395
                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-695
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US-10-671-395-1455
                              CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION WUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
LENGTH: 20
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Matches 19; Conservative
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Matches 19; Conserva
                                                                                                                                                                                                        TYPE: DNA ORGANISM: artificial
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ORGANISM: artificial
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LENGTH: 20
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
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Publication No. US20030203862A1

GENERAL INFORMATION:

APPLICANT: Doren J. Miraglia

APPLICANT: Pamela Nero

APPLICANT: Baret P. Monia

APPLICANT: Mark J. Graham

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Attisense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT APPLICATION NUMBER: US 09/048,810

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE FRASESEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                           Length 19;
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0.8%; Score 19; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 9.8e+02;
Matches 19; Conservative 0; Mismatches 0;
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                                                                                                                                                                                                                                                                                                                                                                      Query Match 0.8%; Score 19; DB Best Local Similarity 100.0%; Pred. No. 9.9 Matches 19; Conservative 0; Mismatches
                      CURRENT APPLICATION NUMBER: US/10/758,307
CURRENT FILING DATE: 2004-01-14
PRIOR APPLICATION NUMBER: US 60/440,861
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 440
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 330
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; Sequence 695. Application US/10671395

; Publication No. US20040132063A1

; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: forward primer US-10-758-307-330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         955 CTACAGGGACGCCATCGAA 973
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FILE REFERENCE: 39740/0008 US
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LENGTH: 20
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Sequence 13235, Application US/10786720

Fublication No. US20040191818A1

Fublication No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: O'TOOLe,

APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: USEABS

TITLE OF INVENTION: UNMERS: US/10/786,720

CURRENT APPLICATION UNMERS: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARES PATENTIN VERSION 3.2

LENGTH: 21

LENGTH: 21
US-10-786-720-13232/c

US-10-786-720-13232/c

Sequence 13232, Application US/10786720

Sequence 13232, Application US/10786720

Sequence 13232, Application US/10786720

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: U, Weith

APPLICANT: Liu, Weith

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: US/10/786,720

CURRENT PELICATION UNDER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: Patentin version 3.2

SEQ ID NO 13232

LENGTH: 21
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Publication No. US20040191818A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: DISEASES
FILE REPERENCE: 031895-0233000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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US-10-786-720-13232
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CRGANISM: RNAi-sense strand
US-10-786-720-13235
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US-10-786-720-13160/c
Sequence 13160, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: DISEASES
; FILE REFRENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT PELING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: O'Toole, Margot
APPLICANT: Us, Well
APPLICANT: Us,
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                                                                                                                 Length 21;
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100.0%; Pred. No. 9.7e+02;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                  0; Indels
                                                                                                      Query Match

0.8%; Score 19; DB 1; L
Best Local Similarity 100.0%; Pred. No. 9.7e+02;
Matches 19; Conservative 0; Mismatches 0;
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US-10-786-720-13160
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CORGANISM: RNAI-sense strand
US-10-786-720-13226
ORGANISM: RNAi-sense strand US-10-786-720-13157
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.0
Matches 19; Conservative
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LENGTH: 21
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Sequence 5086, Application US/10751736

| Publication No. US20040265230A1 |
| GENERAL INPORMATION: |
| APPLICANT: Wyeth |
| APPLICANT: Wrether Brown. Eugene |
| APPLICANT: Liu, Wei |
| TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON |
| TITLE OF INVENTION: CANCERS |
| FILE REFERENCE: AMIOUS27 (031896-002000) |
| CURRENT APPLICATION NUMBER: US/10/751,736 |
| PRIOR APPLICATION NUMBER: US/10/751,736 |
| PRIOR FILING DATE: 2003-01-06 |
| WINDER OF SEQ ID NOS: 54873 |
| SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TILE OF TINENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM100927 (031896-002000)
FURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 21;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0; Indels
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9.7e+02;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match

0.8%; Score 19; DB
Best Local Similarity 100.0%; Pred. No. 9.7
Matches 19; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             6; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; Sequence 24011, Application US/10751736; Publication No. US20040265230A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 958
US-10-196-095-51/c
; Sequence 51, Application US/10196095
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      20 ATTACAGGCATGAGCCACC
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SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-5086
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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ORGANISM: RNAi
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 5086
LENGTH: 21
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US-10-786-720-20175
Sequence 20175, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
TITLE OF INVENTION: DISEASE
TITLE OF INVENTION: DISEASE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILE NOS: 20140-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTI N version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
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0
                                                                                                                                                                       Length 21;
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84.2%; Pred. No. 9.78+02;
Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.8%; Score 19; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 9.7e+02; Matches 19; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                 0; Indels
                                                                                                                                                                     Score 19; DB 1; Le
Pred. No. 9.7e+02;
                                                                                                                                                                 Query Match 0.8%; Score 19; DB Best Local Similarity 100.0%; Pred. No. 9.7 Matches 19; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 955
US-10-786-720-20442/c
; Sequence 20442, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                      2352 GATTACAGGCATGAGCCAC 2370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2352 GATTACAGGCATGAGCCAC 2370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2353 ATTACAGGCATGAGCCACC 2371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20442
                                                                                                                                                                                                                                                                                               19 GATTACAGGCATGAGCCAC 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20175
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
                                                                                                      ; ORGANISM: RNAi-sense strand US-10-786-720-20174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 16; Conservative
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Best Local Similarity
                                         SEQ ID NO 20174
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 20175
LENGTH: 21
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LENGTH: 21
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Graham, Brett P. Monia
FENTION: ANTISENSE MODULATION OF HUMAN MDM2
FENTION: EXPRESSION
               APPLICATION: ANTISENSE MODULATION OF HUM TITLE OF INVENTION: EXPRESSION NUMBER OF SEQUENCES: 271
CORRESPONDENCE ADDRESS: ADDRESS: ADDRESSE: Law Offices of Jane Massey Licata STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Pred. No. 1e+(
0; Mismatches
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Pred. No. 1e
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                                                                                                                                                                                                                                                                                                                          SOFTWARE: WORDPERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1695 TTTACATGTGCAAAGAAGCT 1714
                                                                                                                                                                                                                                                                                                                                                                                                         CLASSIPICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: <UNKNOWN.
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISE
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         0.8%;
ilarity 95.0%;
Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                        CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-09-752-983-27
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Publication No. US20030190639A1

GENERAL INFORMATION:

APPLICANT: HUGOT, JEAN-PIERE

APPLICANT: THOMAS, GILLES

APPLICANT: THOMAS, GILLES

APPLICANT: CHAMALILARD, MATHIAS

ITILE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION: THEREOF

TITLE OF INVENTION UNMBER: US/10/240,046A

CURRENT PILING DATE: 2003-04-02

PRIOR PLICATION NUMBER: PCT/FR 01/0935

PRIOR PLIING DATE: 2000-03-27

PRIOR PLIING DATE: 2000-03-27

PRIOR PLIING DATE: 2000-03-27

NUMBER OF SEQ ID NOS: 90

SEQ ID NO 12

LENGTH: 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 19; DB 1; Length 25; 100.0%; Pred. No. 9.6e+02; tive 0; Mismatches 0; Indels
                                     APPLICANT: March, Ruth E.
APPLICANT: Thorton, Sarah M.
TITLE OF INVENTION: CHEMICAL COMPOUNDS
FILE REFERENCE: 009901/027071 - AFG/FHM70556/UST
CURRENT APPLICATION NUMBER: US/10/196,095
CURRENT FILING DATE: 2002-07-15
PRIOR FILING DATE: 2000-06-19
PRIOR FILING DATE: 1999-06-22
NUMBER OF SEQ ID NOS: 54
SOFTHARE: MS WOR'
SEQ ID NOS: 51
LENGTH: 25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2341 CAAAGTGCTGGGATTACAGGCA 2362
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US-09-752-983-27/c
; Sequence 27, Application US/09752983
; Patent No. US30010016575A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2143 TGATCTTGGCTCACTGCAA 2161
                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
US20030158081A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.(
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 90.9
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-240-046A-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         -10-240-046A-12
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; Sequence 9, Application US/09834700
; Publication No. US2020040130A1
; GENERAL INFORMATION:
    APPLICANT: Braun, A.
    TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
    TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
    FILE REFERENCE: 24736-2035
; CURRENT APPLICATION NUMBER: 60/213
; PRIOR FILING DATE: 2001-04-12
; PRIOR PPLICATION NUMBER: 60/217,251
; PRIOR FILING DATE: 2000-07-10
; PRIOR PPLICATION NUMBER: 60/240,335
; PRIOR FILING-DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 25
; SEQ ID NO 9
; SEQ ID NO 9
; LENGTH: 20
; TENGTH: 20
; TENGTH: 20
; TENGTH: 20
; TENGTH: 20
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1e+03;
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COUNTRY: U.S.A.
ZIP: 08053
ZOP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PC
OPPERATING SYSTEM: WINDOWS 95
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                                                Gaps
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                                                                                                                                                                                                                                     Sequence 82, Application US/09733294A

Patent No. US20202045588A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: Susan M. Freier

APPLICANT: Susan M. Freier

TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION

FILE REFERENCE: ISPH-0527

CURRENT APPLICATION NUMBER: US/09/733,294A

CURRENT APPLICATION NUMBER: US/09/732,294A

FRIOR FILING DATE: 2000-12-07

PRIOR FILING DATE: 2000-05-16

NUMBER OF SEQ ID NOS: 108
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0.8%; Score 18.4; DB 1; Length 20; 95.0%; Pred. No. 1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Dong, Jin-Tang; Barrett,
J. Carl; Lamb, Patricia W.; Isaacs, John T.
TITLE OF INVENTION: DIAGNOSTIC METHODS AND
                                             1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORGAN & FINNEGAN, L.L.P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IEMP PC COMPATIBLE
COMPUTER: IEM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD 97
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/795,380
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/232,507
FILING DATE: «UMFNOMIA»
ATTORNEY AGENT INFORMATION:
NAME: RICHARD W: BORK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ) OTHER INFORMATION: Antisense Oligonucleotide US-09-733-294A-82
                     Pred. No. 1e+0
0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2346 TGCTGGGATTACAGGCATGA 2365
                                                                                         2338 TCCCAAAGTGCTGGGATTAC 2357
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COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 345 PARK AVENUE
CITY: NEW YORK
STATE: NEW YORK
COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
                   Best Local Similarity 95.0
Matches 19; Conservative
                                                                                                                                                                                                                              US-09-733-294A-82
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LENGTH: 20
Query Match
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Sequence 1145, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Roop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
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                                                                                                                                                                                                                                                                                                       Score 18.4; DB 1; Length 20; Pred. No. 1e+03;
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: ELBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            E: Seed and Berry LLP 6300 Columbia Center, 701 Fifth Avenue
                       REFERENCE/DOCKET NUMBER: 2026-4172US1
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95.0%; Pred. No. 10.
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NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                       TOPOLOGY: linear SEQUENCE DESCRIPTION: SEQUENCE DESCRIPTION: SEQ ID NO: 12:
REGISTRATION NUMBER: 36,459
                                       TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 758-4800
                                                                                                                                                                                                                                                                                                                                                                                    2179 TTCGCACCATTCTCCTGCCT 2198
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                                                                                                                                                                                                                                                                                                                                                                                                                        1 Treacaceatrerecteer 20
                                                                             TELEFAX: (212) 751-6849
                                                                                                                                                             LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                    TELEX: 421792
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
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INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                               19; Conservative
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STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                     Best Local Similarity
Matches 19; Conserv
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Best Local Similarity
Matches 19; Conserv
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| Sequence 84, Application US/09898556A
| Publication No. US20030087849A1
| GENERAL INFORMATION:
| APPLICANT: C. Frank Bennett
| APPLICANT: Susan M. Freier
| TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
| FILE REFERENCE: RTS-0248
| CURRENT APPLICATION UNMBER: US/09/898,556A
| CURRENT PILING DATE: 2001-07-03
| SEQ ID NO 84
| LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       0.8%; Score 18.4; DB 1; Length 20; 95.0%; Pred. No. 1e+03; tive 0; Mismatches 1; Indels
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APPLICANT: Sugan M. Freier
TITLE OF INVENTION: TRTS-0248
FILE REFERENCE: TRTS-0248
CURRENT APPLICATION NUMBER: US/09/898,556A
CURRENT FILING DATE: 2001-07-03
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-MAY-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
                                                                                                                                                                            NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0302
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) OTHER INFORMATION: Antisense Oligonucleotide US-09-898-556A-84
                                                                                                                                                                                                                                                                                                                                                                                                                                         ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 27:
                                                                                                                                                                                                                                      TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-779-2400
TELEPAX: 609-810-1454
INFORMATION FOR SEQ ID NO: 27:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
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; Sequence 85, Application US/09898556A
; Publication No. US20030087849A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 95.0
Matches 19; Conservative
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US-09-898-556A-84/c
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                                                       Sequence 1177, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: ROWEN, Lee
APPLICANT: ROWEN, Lee
TITLE OF INVENTION:
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 1; Length 20;
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MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDPERFECT 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1; Indels
                                                                                                                                                                                                                                                                                                                         NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
Law Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.8%; Score 18.4; DB 1
95.0%; Pred. No. 1e+03;
iive 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      REGISTRATION NUMBER: 33,963
REGISTRATION NUMBER: 33,963
REGISTRATION NUMBER: 33,963
RELECOMMUNICATION INDERMATION:
TELEPHONE: (206) 622-4900
TELEPAX: (206) 682-6931
INFORMATION FOR SEQ ID NO: 1177:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2273 AGGGTTTCACCGTGTTAGCC 2292
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 95.0
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CITY: Marlton
STATE: NJ
                                                                                                                                                                                                                                                                                                   CITY: Seattle
STATE: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   linear
                                            US-09-263-959-1177/c
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APPLICANT: Hidetoshi, Inoko
APPLICANT: Hidetoshi, Inoko
APPLICANT: Gen, Tamiya
APPLICANT: Yasunari, Mateuzaka
TITLE OF INVENTION: NOVEL POLYMORPHIC MICROSATELLITE MARKERS IN THE HUMAN MHC CLASS
FILE REFERENCE: 06501-069001
CURRENT APPLICATION VUMBER: US/09/713,616
PRIOR APPLICATION NUMBER: US/09/713,616
PRIOR APPLICATION NUMBER: US/09/713,616
SOFTWARE: PALING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 46
SOFTWARE: Patentin version 3.0
      Gaps
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i LOCATION: (1)...(20)
CTHER INFORMATION: artificially synthesized primer sequence
US-10-314-405-2
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APPLICANT: Wood, Linda
APPLICANT: Wagner, Susanne
APPLICANT: Parodi, Luis
TITLB OF INVENTION: Single Nucleotide Polymorphisms in GH-1
FILE REFERENCE: 00791.US1
CURRENT PELLING DATE: 2002-11-07
NUMBER OF SEQ ID NOS: 51
SOFTWARE: Patentin version 3.1
SEQ ID NO 15
LENGTH: 20
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      1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1; Indels
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Pred. No. 1e+03;
0; Mismatches 1;
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      0; Mismatches
                                                2305 ATCTCCTGACCTCGTGATCC 2324
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                                                                                                                                                                                           Sequence 2, Application US/10314405; Publication No. US20030108940A1; GENERAL INFORMATION:
                                                                                         1 Arcrereacerrerearce 20
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ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Artificial Sequence
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      19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                OTHER INFORMATION: primer
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 2
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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Sequence 18, Application US/10005715

Bublication No. US20030023058A1

GENERAL INFORMATION:

APPLICANT: Universalty of No. US20030023058A1th Carolina at Chapel Hill

APPLICANT: Weston, Brent W.

TITLE OF INVENTION: ANTISENSE HUMAN FUCOSYLTRANSFERASE SEQUENCES AND METHODS OF USE TITLE OF FINNENT FILING DATE: 2002-03-21

CURRENT APPLICATION NUMBER: US/10/005,715

CURRENT FILING DATE: 1999-04-26

NUMBER OF SEQ ID NOS: 26

SOFTWARE: 1899-04-26

SEQ ID NO 18

LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 97, Application US/09908147
Publication No. US20030144221A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
FILE REFERENCE: RTS-0185
CURRENT APPLICATION NUMBER: US/09/908,147
NUMBER OF SEQ ID NOS: 168
BEQ ID NO 97
LENGTH: 20
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                                                                                                                                                                                                                                             1; Indels
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0.8%; Score 18.4; DB 1;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1;
                                                                                                      FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-898-556A-85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                                                                                                                                                                                                      2344 AGTGCTGGGATTACAGGCAT 2363
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                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial sequence
NUMBER OF SEQ ID NOS:
SEQ ID NO 85
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Best Local Similarity
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US-10-272-756-53
US-10-272-756-73
USERAL INFORMATION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
TITLE OF INVENTION: METHODS FOR GENERATING DATABASES FOR IDENTIFYING PC
TITLE OF INVENTION: METHODS FOR GENERATING DATABASES FOR IDENTIFYING PC
TITLE OF INVENTION: GENERAL US/10/272,756
UURRENT RAPLICATION NUMBER: 09/687,483
PRIOR PLING DATE: 2000-07-10
PRIOR APPLICATION NUMBER: 60/127,658
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR FILING DATE: 2000-07-10
PRIOR PILING DATE: 2000-07-10
PRIOR PILING DATE: 2000-07-10
PRIOR PILING DATE: 2000-09-19
NUMBER OF SEQ ID NOS: 118
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 53
LENGHH: 20
TENGHH: 20

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Publication No. US2003019946BA1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Chromagenics B.V.
APPLICANT: Chromagenics B.V.
APPLICANT: Chromagenics B.V.
APPLICANT: Kruckeberg, Arthur L.
TITLE OF INVENTION: methods for detecting and using such DNA sequences
TITLE OF INVENTION NUMBER: US/10/190,312A
FILE REFERENCE: 2183-4993.1
CURRENT APPLICATION NUMBER: G6/303,199
PRIOR PELING DATE: 2002-07-05
PRIOR PELING DATE: 2001-07-05
NUMBER OF SEQ ID NOS: 1079
SOFTWARE: Patentin Version 3.1
SEQ ID NO 169
LENGTH: 20
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Indels
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0; Mismatches
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US-10-190-312A-169
                                                                                    2338 TCCCAAAGIGCTGGGATTAC 2357
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ORGANISM: Artificial Sequence
19; Conservative
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US-10-190-312A-169/c
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| TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING POUR TITLE OF INVENTION: GENERATING MARKERS
| TITLE OF INVENTION: GENERAL MARKER: 24736-2033E
| CURRENT FILING DATE: 2002-10-15
| PRIOR APPLICATION NUMBER: 60/217,658
| PRIOR APPLICATION NUMBER: 60/217,658
| PRIOR PAPLICATION NUMBER: 60/217,251
| PRIOR PAPLICATION NUMBER: 60/217,251
| PRIOR PALLING DATE: 2000-07-10
| PRIOR PILING DATE: 2000-07-10
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### TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
### TITLE OF INVENTION: GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC
### TITLE OF INVENTION: GENERAL WARKERS
### TITLE OF INVENTION: GENERAL WARKERS
### CURRENT FILING DATE: 24736-2033B
### CURRENT APPLICATION NUMBER: 06/217,658
### FRIOR APPLICATION NUMBER: 06/217,658
### PRIOR PLING DATE: 1999-10-13
### PRIOR PLING DATE: 1999-10-13
### PRIOR PLING DATE: 2000-07-10
### PLING DAT
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, OTHER INFORMATION: Oligonucleotide Primer US-10-273-321-53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Oligonucleotide Primer US-10-272-665-53
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                                                                          Sequence 53, Application US/10272665
Publication No. US20030180748A1
GENERAL INFORMATION:
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Publication No. US20030180749A1
GENERAL INFORMATION:
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ORGANISM: Artificial Seguence
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Best Local Similarity
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APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antisense Modulation of mdm2 expression.

FILE REPERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 2001-12-04

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR APPLICATION NUMBER: US 09/280,805

PRIOR PILING DATE: 1999-03-26

NUMBER OF SEQ ID NOS: 379

SOFTWARE: FastSEQ for Windows Version 4.0

LENGTH: 20
                                                                                                      Query Match 0.8%; Score 18.4; DB 1; Length 20; Best Local Similarity 95.0%; Pred. No. 1e+03; Matches 19; Conservative 0; Mismatches 1; Indels
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                            ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
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PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
                                                                                                                                                                                                                                                                                                                                                                           ; Sequence 348, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION: APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 349, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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                                                                                                                                                                                                       382 AAGAGGCCTGGTTAGACCA 401
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                                                                                                                                                                                                                                                      20 AAGAGACTCTGGTTAGACCA 1
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ORGANISM: Artificial Sequence
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APPLICANT: Pamela Nero
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Erich Koller
MingYi Chiang
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Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
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Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Pamela Nero
Mark J. Graham
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APPLICANT: Demela Neiro
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Manoyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE FEASTSQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.8%; Score 18.4; DB 1; Length 20; Best Local Similarity 95.0%; Pred. No. 1e+03; Matches 19; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                           Sequence 27, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Dramela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Manoharan
TITLE OF INVENTION: Antigense Modulation of mdm2 expression.
                              1; Indels
  95.0%; Pred. No. 1e+03; ative 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 27
LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
                                                                            2297 TGGTCTCGATCTCCTGACCT 2316
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1695 TTTACATGTGCAAAGAAGCT 1714
                                                                                                           20 TGGTCTAGATCTCCTGACCT 1
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Best Local Similarity 95.0
Matches 19; Conservative
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LENGTH: 20
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RESULT 984
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JAPPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
JAPPLICANT: Pamela Nero
JAPPLICANT: Peret P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Mano Manohama
JAPLICANT: Mano Manohama
JITLE OF INVENTION: Antieense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR RILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
JENGHARE: FastSEQ for Windows Version 4.0
LENGHARE: PASTSEQ for Windows Version 4.0
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      0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-349
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ) OTHER INFORMATION: AntiBense Oligonucleotide US-10-005-344-350
SOFTWARE: FastSEQ for Windows Version 4.0 SEQ ID NO 349 LENGTH: 20
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Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brith Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 350, Application US/10005344
Publication No. US20030203862A1
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ORGANISM: Artificial Sequence
                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
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Matches 19
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Sequence 53, Application US/10273228

Sequence 53, Application US/10273228

Publication No. US20030207297a1

GENERAL INFORMATION:

APPLICANT: Braun et al.

TITLE OF INVENTION: METHODS FOR GENERATING DATABASES AND DATABASES FOR IDENTIFYING PC.

TITLE OF INVENTION: METHODS FOR GENERATING DATABASES FOR IDENTIFYING PC.

TITLE OF INVENTION: METHODS FOR GENERATING DATABASES FOR IDENTIFYING PC.

FILE REFERENCE: 24736-2033D

CURRENT APPLICATION NUMBER: 09/687,483

FRIOR APPLICATION NUMBER: 09/687,483

FRIOR FILING DATE: 2000-07-10

FRIOR PILING DATE: 2000-07-10

FRIOR APPLICATION NUMBER: 60/159,176

FRIOR APPLICATION NUMBER: 60/159,176

FRIOR PILING DATE: 2000-07-10

FRIOR APPLICATION NUMBER: 60/217,251

FRIOR PILING DATE: 2000-09-19

NUMBER OF SEQ ID NOS: 118

SEQ ID NO 53

LENGTH: 20
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0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                   ; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-353
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 353
LENGTH: 20
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US-10-273-228-53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 339, Application US/10282174; Sequence 339, Application No. US20030224380A1; GENERAL INFORMATION: APPLICANT: Velicelebi, Gonul; APPLICANT: Velicelebi, Gonul; APPLICANT: Talliot, Kathryn J. APPLICANT: Tanzi, Rudolph E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               1698 ACATGTGCAAAGAAGCTAAA 1717
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                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Saunders, Aleister J.
APPLICANT: Saunders, Aleister J.
APPLICANT: Saunders, Aleister J.
APPLICANT: Saunders, Aleister J.
APPLICANT: Blacker, Deborah Lynne
APPLICANT: Blacker, Deborah Lynne
ITILE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
ITILE OF INVENTION: ASSOCIATED WITH ALZHEIMER'S DISEASE AND OTHER
ITILE OF INVENTION: NEURODESENERATIVE DISEASES
ITILE OF INVENTION: NEURODESENERATIVE DISEASES
ITILE OF INVENTION: NUMBER: US /10/202,174
CURRENT FILING DATE: 2002-10-25
RIOR APPLICATION NUMBER: US 60/339,010
PRIOR FILING DATE: 2001-11-09
PRIOR FILING DATE: 2001-11-09
PRIOR FILING DATE: 2001-11-09
PRIOR PELING DATE: 2001-11-09
PRIOR APPLICATION NUMBER: US 60/338,363
PRIOR PELING DATE: 2001-11-09
PRIOR PELING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR APPLICATION NUMBER: US 60/337,052
PRIOR PILING DATE: 2001-12-04
PRIOR FILING DATE: 2001-12-04
PRIOR FILING DATE: 2001-12-04
PRIOR FILING DATE: 2001-12-04
PRIOR FILING DATE: 2001-13-04
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Sequence 80, Application US/10172911

Sequence 80, Application US/10172911

GENERAL INFORMATION:

APPLICANT: Lex M. Cowsert

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF PTPN12 EXPRESSION

FILE REFERENCE: PTS-0016

CURRENT APPLICATION NUMBER: US/10/172,911

CURRENT FILING DATE: 2002-06-17

NUMBER OF SEQ.ID NOS: 123

SEQ.ID NO 80

LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 18.4; DB 1; Length 20;
Pred. No. 1e+03;
0; Mismatches 1; Indels
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ORGANISM: Artificial Sequence
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Best Local Similarity 95.05
Matches 19; Conservative
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LENGTH: 20
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RESULT 986 US-10-189-268-71

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APPLICANT: Nicholas M. Dean
APPLICANT: Nicholas M. Dean
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENION: ANTISENSE MODULATION OF GERANYLGERANYL DIPHOSPHATE SYNTHASE 1 EX
FILE REFERENCE: PTS-0021
CURRENT APPLICATION NUMBER: US/10/189,268
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 131
LENGTH: 20
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; Sequence 88, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Breat P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REPERBNCE: PTS-0038
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 88
; LENGTH: 20
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APPLICANT: Susan M. Preier
APPLICANT: Kenneth W. Dobie
TITLE OF THVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
FILE REFERENCE: PTS-0038
CURRENT APPLICATION NUMBER: US/10/189,267
CURRENT FILING DATE: 2002-07-02
NUMBER OF EQ ID NOS: 284
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.8%; Score 18.4; DB 1;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1;
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Sequence 71, Application US/10189268
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                          US20040005570A1
                     Publication No. US20
GENERAL INFORMATION:
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Sequence 2, Application US/10264958B
Publication No. US20040038224A1
GENERAL INFORMATION:
APPLICANT: HOffman, Hal
APPLICANT: Kolodner, Richard
APPLICANT: Kolodner, Richard
APPLICANT: Moldmen, Hal
APPLICANT: Woldmen, Hal
APPLICANT: Woldmen, Hal
APPLICANT: Woldmen, Hal
APPLICANT: Solution INVERS: US/10/264,958B
CURRENT APPLICATION NUMBER: US/02-10-04
PRIOR APPLICANTON NUMBER: US/0327,728
PRIOR FILING DATE: 2001-10-05
NUMBER OF SEQ ID NOS: 31
SEQ ID NO 2
LENGTH: 20
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APPLICANT: Nicholas M. Dean
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobis
TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3CB EXPRESSION
FILE REFERENCE: PTS-0028
CURRENT APPLICATION NUMBER: US/10/210,723
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO: 136
LENGTH: 20
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Pred. No. 1e+03;
0; Mismatches 1; Indels
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0; Mismatches
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Publication No. US20040023382A1
GENERAL INFORMATION:
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  19; Conservative
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ORGANISM: Homo sapiens
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US-10-728-509-97/c
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Publication No. US20040018525A1

GENERAL INFORMATION:

APPLICANT: Wirtz, Ralph
APPLICANT: Winnes, Marc

APPLICANT: Winnes, Marc

APPLICANT: Winnes, Marc

APPLICANT: Winnes, Marc

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS

TITLE OF INVENTION: METHODS AND TREATMENT OF WALIGNANT NEOPLASIA

FILLE REFERENCE: LeA 36 108

CURRENT PILING DATE: 2003-05-09

PRIOR APPLICATION NUMBER: EP02010291.9

PRIOR FILING DATE: 2003-05-01

PRIOR FILING DATE: 2003-05-01

PRIOR FILING DATE: 2003-05-05

PRIOR FILING DATE: 2003-05-05

PRIOR PILING DATE: 2003-05-05

BRIOR FILING DATE: 2003-05-05

BRIOR PILING DATE: 2003-05-05-01
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APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PPP3CB EXPRESSION
FILE REPERENCE: PTS-0028
CURRENT APPLICATION NUMBER: US/10/210,723
CURRENT FILING DATE: 2002-07-31
NUMBER OF SEQ ID NOS: 141
SEQ ID NO 78
LENGTH: 20
                                                                                                                            Query Match 0.8%; Score 18.4; DB 1; Length 20; Best Local Similarity 95.0%; Pred. No. 10+03; Matches 19; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: D17S1246 forward primer US-10-435-696-259
                                                                                                                                                                                                                                       2349 TGGGATTACAGGCATGAGCC 2368
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Publication No. US20040023382A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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                ORGANISM: H. sapiens
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Best Local Similarity
                                                                         US-10-189-267-223
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US-10-671-395-112/c

Sequence 112, Application US/10671395

FOULIGATION OF US20040132063A1

GENERAL INFORMATION:

APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: BYPRESSION

FILE REFERENCE: 179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT PILLING DATE: 2002-09-25

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2

LENGTH: 20
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APPLICANT: Pharmacia Corp.
APPLICANT: Gieree, James K
TITLE OF INVENTION: ANTIESENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 157
LENGTH: 20
                                       0.8%; Score 18.4; DB 1; Length 20; ilarity 95.0%; Pred. No. 1e+03; Conservative 0; Mismatches 1; Indels
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-157
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                                                                                                                                          2343 AAGIGCIGGGATTACAGGCA 2362
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                                       Query Match
Best Local Similarity
Matches 19; Conserv
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ORGANISM: artificial
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APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
FILL REPERENCE: RTG-0185
CURRENT APPLICATION NUMBER: US/10/728,509
PRIOR APPLICATION NUMBER: US/09/908,147
PRIOR FILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 168
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Publication No. US20040102395A1
| GENERAL INFORMATION:
| APPLICANT: C. Frank Bennett
| APPLICANT: C. Frank Bennett
| APPLICANT: Kenneth W. Dobie
| TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION FILE REFERENCE: FRS-0434
| CURRENT APPLICATION NUMBER: US/10/303,325
| VUMBER OF SEQ ID NOS: 156
| SEQ ID NO 77
| LENGTH: 20
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Publication No. US20040102395A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Renneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REPERENCE: RTS-0434
CURRENT APPLICATION UMBER: US/10/303,325
CURRENT PILING DATE: 2002-11-22
                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide US-10-728-509-97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-10-303-325-77
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: H. sapiens
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US-10-303-325-145
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LENGTH: 20
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LENGTH: 20
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APPLICANT: Pharmacia Corp.
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NO 266
LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gieree, James K
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
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0.8%; Score 18.4; DB 1;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1;
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SOFTWARE: Patentin version 3.2
SEQ ID NO 350
LENGTH: 20
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Publication No. US20040132063A1

GENERAL INFORMATION:

APPLICANT: Cierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: ANTISENSE NOVICATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT PILING DATE: 2003-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2

SEQ ID NO S. 1809

LENGTH: 20
                                                                                                       Sequence 212, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Glerse, James K
TITLE OF INVENTION: EXPRESSION
FILE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
LENGTH: 20
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Sequence 266, Application US/10671395
Publication No. US20040132063A1
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20 AAGTGCTGGGATGACAGGCA
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Best Local Similarity 95.01
Matches 19; Conservative
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Best Local Similarity
Matches 19; Conserva
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                                                                      RESULT 998
US-10-671-395-212/c
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MS-10-671-395-582/c

| Sequence 582, Application US/10671395
| Publication No. US20040132063A1
| Sequence 582, Application US/10671395
| Publication No. US20040132063A1
| APPLICANT: Pharmacia Corp.
| APPLICANT: Pharmacia Corp.
| APPLICANT: Gierse, James K
| TITLE OF INVENTION: ANTESNSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
| TITLE OF INVENTION: EXPRESSION
| FILE REFERENCE: 1179/1/US
| CURRENT APPLICATION NUMBER: US/10/671,395
| CURRENT PILING DATE: 2003-09-25
| PRIOR APPLICATION NUMBER: 60/413,549
| PRIOR FILING DATE: 2002-09-25
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Sequence 597, Application US/10671395

Sequence 597, Application US/10671395

PUBLication No. US20040312063A1

GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ARRESSION
FILE REFERENCE: 1179/1/US
CURRENT PELING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR PLING DATE: 2003-09-25

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Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1;
                                 ORGANISM: artificial
FEATURE:

COTHER INFORMATION: Human PGE2 antisense
0S-10-671-395-449
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SOFTWARE: Patentin version 3.2
SEQ ID NO 582
LENGTH: 20
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SOFTWARE: PatentIn version 3.2
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LENGTH: 20
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Sequence 423, Application US/10671395

Sequence 423, Application US/10671395

Sequence 423, Application US/0040132063A1

GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/11/08

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR PILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE Patentin version 3.2

LENGTH: 20
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APPLICANT: Gierse, James K
TILLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TILLE OF INVENTION: EXPRESSION
TILLE OF INVENTION: EXPRESSION
CURRENT APPLICATION WUMBER: US/10/6/71,395
CURRENT FILING DATE: 2003-09-25
PRIOR PLILING DATE: 2003-09-25
PRIOR PLILING DATE: 2003-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN UNDER: 32
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                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-395
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CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 600413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 395
LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION:
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Best Local Similarity 95.0%
Matches 19; Conservative
                                                                                                                                                                                           TYPE: DNA
ORGANISM: artificial
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LENGTH: 20
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Sequence 1371, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glerse, James K
TTTLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TTTLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TTTLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TTTLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TTTLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TTTLE OF INVENTION OF THE 2003-09-25
CURRENT APPLICATION NUMBER: 60/413,549
FRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NO 1371
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE BEFERENCE: 1179/1/04
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR PILING DATE: 2003-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 1496
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 , OTHER INFORMATION: Human PGE2 antisense US-10-671-395-1371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ) OTHER INFORMATION: Human PGE2 antisense US-10-671-395-1496
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; Sequence 1740, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 1496, Application US/10671395; Publication No. US20040132063A1; GENERAL INFORMATION: APPLICANT: Pharmacia Corp.
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ORGANISM: artificial
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                                   RESULT 1009
US-10-671-395-1371/c
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**Publication No. US20040132063A1

GENERAL INFORMATION:

**APPLICANT: Pharmacia Corp.

**APPLICANT: Pharmacia Corp.

**TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

**TITLE OF INVENTION: ANTISENSE NODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

**TITLE OF INVENTION: ANTISENSE NODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

**TITLE OF INVENTION: 1179/1/US

**CURRENT APPLICATION NUMBER: US/10/671,395

**CURRENT FILING DATE: 2003-09-25

**NUMBER OF SEQ ID NOS: 1809

**SOFTWARE: Patentin version 3.2

**SEQ ID NO 632

**LENGTH: 20
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APPLICANT: Pharmacia Corp.
APPLICANT: Gieree, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 0503-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
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                                   Indels
                                   1;
Best Local Similarity 95.0%; Pred. No. 1e+03; Matches 19; Conservative 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-632
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Human PGE2 antisense
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; Sequence 808, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
                                                                                  2187 ATTCTCCTGCCTCAGCCTCC 2206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2340 CCAAAGTGCTGGGATTACAG 2359
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SOFTWARE: PatentIn version 3.2
SEQ ID NO 808
LENGTH: 20
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nes 19; Conservative
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Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: artificial
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                                                                                                                                                                                                                                             US-10-671-395-632/c
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Best Local Si
Matches 19,
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APPLICANT: Meyer, Joanne
APPLICANT: Barrington-Martin, Rory
APPLICANT: Barrington-Martin, Rory
APPLICANT: Barrington-Martin, Rory
APPLICANT: Barnes, Glenn
TITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of
FITLE OF INVENTION: Compositions and methods for the diagnosis and treatment of
FITLE OF INVENTION: neuropsychiatric disorders, including schizophrenia
FILLE DATE: 2001-01-24
NUMBER OF SEQ ID NOS: 127
SOFTWARE: Patentin version 3.0
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| Sequence 415, Application US/10085906 |
| Publication No. US20030054371A1 |
| GENERAL INFORMATION: |
| APPLICANT: Wing, Vincent |
| APPLICANT: Wing, Vincent |
| APPLICANT: Wing, Paul |
| APPLICANT: Gray, Gary S. |
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF |
| FILLE REFERENCE: GNN-5343CP2 |
| CURRENT APPLICATION NUMBER: US/10/085,906 |
| CURRENT PILING DATE: 2002-02-27 |
| PRIOR APPLICATION NUMBER: US 60/126,215 |
| PRIOR APPLICATION NUMBER: US 60/126,215 |
| PRIOR PILING DATE: 1999-03-25 |
| PRIOR PILING DATE: 2000-03-24 |
| PRIOR PILING DATE
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Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels
                                                                                                                             ; PEATURE:
- OTHER INFORMATION: Antisense Oligonucleotide
US.10-772-542-85
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 1014
US-09-770-107-83/c
; Sequence 83, Application US/09770107
; Publication No. US20030054345A1
; Publication No. HOPORMATION:
; APPLICANT: Millenium Pharmaceuticals, Inc.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                   19; Conservative
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CORGANISM: Homo sapiens
US-09-770-107-83
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ORGANISM: Homo sapiens
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Matches 19; Conserva
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LENGTH: 21
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LENGTH: 21
                   LENGTH: 20
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE OF INVENTION: EXPRESSION
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NO 1740
LENGTH: 20
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US-10-77-542-85/c

Sequence 85, Application US/10772542

Publication No. US20040142898A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: C. Frank Bennett

TITLE OF INVENTION: ANTISENSE MODULATION OF HKRI EXPRESSION

TITLE OF INVENTION: ANTISENSE MODULATION OF HKRI EXPRESSION

CURRENT APPLICATION NUMBER: US/10/772,542

CURRENT FILING DATE: 2004-02-05

PRIOR APPLICATION NUMBER: US/09/898,556

PRIOR APPLICATION NUMBER: US/09/898,556

PRIOR PILING DATE: 2001-07-03

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 85
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| Publication No. US200401428981
| Publication No. US200401428981
| APPLICANT: C. Frank Bennett
| APPLICANT: Susan M. Freier
| TITLE OF INVENTION: ANTISENSE MODULATION OF HKR1 EXPRESSION
| FILE REPERENCE: RTS-0248
| CURRENT APPLICATION NUMBER: US/10/772,542
| PRIOR TILING DATE: 2004-02-05
| PRIOR PILING DATE: 2001-07-03
| NUMBER OF SEQ ID NOS: 89
| SEQ ID NO 84
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.8%; Score 18.4; DB 1; Length 20; Best Local Similarity 95.0%; Pred. No. 1e+03; Matches 19; Conservative 0; Mismatches 1; Indels
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0.8%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-1740
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       RESULT 1012
US-10-772-542-84/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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Gaps

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APPLICANT: 0'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13239

LINGTH: 21
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APPLICANT: 0'TOOLE, Margot
APPLICANT: 0'TOOLE, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISBASES
FILE REFERENCE: 031896-022000 (AM101331L.)
CURRENT APPLICATION NUMBER: 105/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
LENGTH: 21
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APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AMI01331L)
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0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 1e+03;
Matches 14; Conservative 5; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 1019
US-10-786-720-13242
Sequence 13242, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
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1 CAUGUUAGCCAGGAUGGUCU 20
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1 ACCAUGUUAGCCAGGAUGGU 20
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Best Local Similarity
Matches 13; Conserv
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US-10-786-720-13248
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TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILI
TITLE OF INVENTION: DEFECTIVE DNA REPAIR MECHANISMS AND TREATMENT THEREOF
FILE REFERENCE: 7032/2055
CURRENT APPLICATION NUMBER: US/10/165,099
CURRENT APPLICATION NUMBER: US 09/998,027
PRIOR FILING DATE: 2001-11-02
PRIOR FILING DATE: 2001-11-03
NUMBER OF SEQ ID NOS: 352
SOFTWARE PARENTING NUMBER: 2000-11-03
SOFTWARE PARENTED NOS: 352
SOFTWARE PARENTED NOS: 352
LENGTH: 21
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Publication No. US20040191818A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Liu, Weit
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L.)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2044-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN Version 3.2
SEQ ID NO 13164
LENGTH: 21
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                                            0.8%; Score 18.4; DB 1; Length 21; larity 95.0%; Pred. No. 1e+03; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0.8%; Score 18.4; DB 1; Length 21; 95.0%; Pred. No. 1e+03; tive 0; Mismatches 1; Indel8
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65.0%; Pred. No. 1e+03;
cive 6; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                      Sequence 338, Application US/10165099; Publication No. US20030188326A1; GENERAL INFORMATION:
                                                                                                                                     2241 CCTGGCTAATTTTTTGTACT 2260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2351 GGATTACAGGCATGAGCCAC 2370
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                                                                                                                                                                             2 ccreecraarrrrrgrarr 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ORGANISM: Artificial sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 0.8
Best Local Similarity 95.0
Matches 19; Conservative
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Best Local Similarity
Matches 13; Conserva
                                                                 Local Similarity
nes 19; Conserv
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US-10-786-720-13164
US-10-085-906-415
                                          Query Match
Best Local Si
Matches 199
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Sequence 20232, Application US/10786720
| Publication No. US20040191818A1
| GENERAL INFORMATION:
| APPLICANT: Wyeth
| APPLICANT: Wyeth
| APPLICANT: Usu, Weil
| TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
| TITLE OF INVENTION: DISBASES
| TITLE OF INVENTION: DISBASES
| TITLE OF INVENTION: USA000 (AM101331L)
| CURRENT APPLICATION NUMBER: US/10/786,720
| CURRENT PPLICATION NUMBER: US/10/786,720
| CURRENT FILING DATE: 2004-02-26
| NUMBER OF SEQ ID NOS: 21135
| SEQ ID NO 20232
                                                                                                                                                                                                                                                     US-10-786-720-20230, Application US/10786720
| Sequence 20230, Application US/10786720
| Sequence 20230, Application US/10786720
| Sequence 20230, Application US/0040191818A1
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Pred. No. 1e+03;
0; Mismatches 1; Indels
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95.0%; Pred. No. 1e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
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                                                2353 ATTACAGGCATGAGCCACCG 2372
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; ORGANISM: RNAi-antisense strand
US-10-786-720-20232
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 95.0
Matches 19; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                19; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20230
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US-10-786-720-20375/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 20230
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Publication No. US20040191818A1

APPLICANT: Wyeth

APPLICANT: Wyeth

APPLICANT: Wyeth

APPLICANT: Wyeth

APPLICANT: Wyeth

APPLICANT: Will Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: Patentin version 3.2

SEQ ID NO 14253

LENGTH: 21
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| Sequence 20171, Application US/10786720
| Sequence 20171, Application US/10786720
| Sequence 20171, Application No. US20040191818A1
| Sequence 20171, Application No. US20040191818A1
| Sequence 20171, Application No. US20040191818A1
| APPLICANT: Wyeth
| APPLICANT: O'TOOLE, Margot
| APPLICANT: O'TOOLE, Margot
| APPLICANT: O'TOOLE, Wei
| TITLE OF INVENTION: DISEASES
| FILE REPERRING: 031896-023000 (AM101331L.)
| CURRENT APPLICATION NUMBER: US/10/786,720
| CURRENT FILLING DATE: 2004-02-26
| NUMBER OF SEQ ID NOS: 21135
| SOFTWARE: Patentin version 3.2
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CURRENT APPLICATION NUMBER: US/10/786,720 CURRENT FILING DATE: 2004-02-26 NUMBER OF SEQ ID NOS: 21135 SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                              LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13248
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ) ORGANISM: RNAi-antisense strand US-10-786-720-14253
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; ORGANISM: RNAi-sense strand
US-10-786-720-20171
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Best Local Similarity 95.03
Matches 19; Conservative
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                                                                                                                                             SEQ ID NO 13248
LENGTH: 21
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LENGTH: 21
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Gaps

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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: MAITHEZ, Robert
APPLICANT: MAITHEZ, Robert
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS.
FILE REPERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US 710/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
NUMBER: OS 520 ID NOS: 54873
SOFTWARE: PATENTIN FOR SECOND SE
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APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liv, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
CURRENT PILING DATE: 2003-01-06
RIOR PAPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SSOFTWARE: Patentin version 3.2
SEQ ID NO 43814
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                                                                                                                                              Query Match

0.8%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1e+03;
Matches 19; Conservative 0; Mismatches 1; Indels
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Pred. No. 1e+03;
0; Mismatches 1; Indels
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Pred. No. 1e+03;
0; Mismatches 1; Indels
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US-10-751-736-43814/c
Sequence 43814, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Wyeth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 42863, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                            2352 GATTACAGGCATGAGCCACC 2371
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Best Local Similarity 95.0%;
Matches 19; Conservative
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Best Local Similarity 95.0%;
Matches 19; Conservative
       ; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-5089
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Sequence 20376, Application US/10786720

Sequence 20376, Application US/10786720

Sequence 20376, Application US/10786720

Sequence 20376, Application US/10786720

SEQUENCE OF US/107804

APPLICANT: Hyeth

APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: DISEASES

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SEQ ID NO 20376

LENGTH: 21

LENGTH: 21
                         TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: DISEASES FILE REFERENCE: 031896-0233000 (AM101331L) CURRENT APPLICATION NUMBER: US/10/786,720 CURRENT PILLING DATE: 2004-02-26 NUMBER OF SEQ ID NOS: 21135 SOFTWARE: Patentin version 3.2 SEQ ID NO 20375 LENGTH: 21
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APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
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CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: PatentIn version 3.2
LENGTH: 21
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Pred. No. 1e+03;
0; Mismatches 1; Indels
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llarity 65.0%; Pred. No. 1e+03;
Conservative 6; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 95.0%;
Matches 19; Conservative
                                                                                                                                                                                                                                                                                                                                               ; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20375
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les 13; Conserv
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Best Local Si
Matches 13,
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APPLICANT:
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SEQ ID NO 1
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Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR REPEATE TANDEM REPEAT DNA MARKERS
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APPLICANT: Wary, Kishore, K.
APPLICANT: Humtsoe, Joseph O.
TITLE OF INVENTION: Uses of Vascular Endothelial Growth Factor
TITLE OF INVENTION: and Type I Collagen Inducible Protein (VCIP)
FILE REFERENCE: D6563
CURRENT APPLICATION NUMBER: US/10/812,238A
CURRENT FILING DATE: 2004-03-29
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE, DOCKET NUMBER: 16026.9180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275
                                                                                                                                                                                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin
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APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998
ATTORNEY/AGENT INFORMATION:
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; Sequence 34, Application US/10812238A
; Publication No. US20050002904A1
; GENERAL INFORMATION:
2296 ATGGTCTCGATCTCCTGACC 2315
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                                                                                                                                                   Sequence 80, Application US/09784423
Patent No. US20020012924A1
GENERAL INFORMATION:
                                       20 ArgercrccaAcrccrcacc 1
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STRANDEDNESS: Single
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SEQUENCE CHARACTERISTICS:
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES:
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                                                                                                                                  US-09-784-423-80/c
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Sequence 1, Application US/10463981B

Publication No. US20040081982A1

GENERAL INFORMATION:

APPLICANT: Choo, Kong-Hong Andy

APPLICANT: Wong, Lee Hwa

APPLICANT: Wong, Lee Hwa

TILE OF INVENTION: Neocentromere-based mini-chromosomes

FILE REFERENCE: A35869-PCT-USA-A (071838.0140)

CURRENT APPLICATION NUMBER: D5/10/463,981B

CURRENT FILING DATE: 2003-06-17

PRIOR APPLICATION NUMBER: PCT/AU01/01644

PRIOR APPLICATION NUMBER: AU PR2247

PRIOR APPLICATION NUMBER: AU PR2909

PRIOR PILING DATE: 2000-12-21

PRIOR PILING DATE: 2001-11-16

NUMBER OF SEQ ID NOS: 2

SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                                      Length 24;
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Pred. No. 1.1e+03;
                                                                                                                                                                                    NAME/KEY: primer bind cornes primer for human Alu sequence US-10-812-238A-34
                                                                                                                                                                                                                                                                                                                                     1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Choo, Song-Hong Andy
APPLICANT: Cancilla, Michael R.
TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
FILE REFERENCE: Davies Col
CURRENT APPLICATION NUMBER: US/09/728,552
CURRENT FILNG DATE: 1998-012-02
PRIOR APPLICATION NUMBER: 09/078,294
PRIOR FILING DATE: 1998-00-13
NUMBER OF SEQ ID NOS: 29
SOFTWARE: Patentin Ver. 2.0
                                                                                                                                                                                                                                                                                    Query Match 0.8%; Score 18.4; DB 1; Best Local Similarity 95.0%; Pred. No. 1e+03; Matches 19; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2; Mismatches
PRIOR APPLICATION NUMBER: US 60/458,164
PRIOR FILING DATE: 2003-03-27
WUMBER OF SEQ ID NOS: 36
SEQ ID NO 34
LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                    2350 GGGATTACAGGCATGAGCCA 2369
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                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
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Matches 17; Conservative
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TYPE: DNA
ORGANISM: DNA primer
US-09-728-552-1
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US-10-463-981B-1
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                                                                                                                                                                       Query Match 0.8%; Score 18.2; DB 1; Length 19; Best Local Similarity 89.5%; Pred. No. 1.1e+03; Matches 17; Conservative 2; Mismatches 0; Indels
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FULCANT: Korneluk, Robert G.

APPLICANT: MacKenzie, Alexander E.

APPLICANT: MacKenzie, Alexander E.

APPLICANT: Roy, Natalie

APPLICANT: Tamai, Katsu

TITLE OF INVENTION: USAR OF

TITLE OF INVENTION: USAR OF

TITLE OF INVENTION: USAR OF

TURENT APPLICATION NUMBER: US/08/913,322

CURRENT FILING DATE: 1997-01-17

EARLIER PELICATION NUMBER: PCT/1897/00142

EARLIER PILING DATE: 1997-01-17

EARLIER FILING DATE: 1997-01-17

EARLIER FILING DATE: 1996-01-19

NUMBER OF SEQ ID NOS: 27

SOFTHARE: FASTERE FILING DATE: 1996-01-19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: Synthetic primer based on Homo sapiens
US-08-913-322-16
                                                                                            ; OTHER INFORMATION: Synthetic oligonucleotide primer US-10-463-981B-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Johnson, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFERENCE: 025796-013
CURRENT APPLICATION NUMBER: US/10/731,739
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PRIOR APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR APPLICATION NUMBER: US 09/229,319
PRIOR FILING DATE: 1999-01-13
PRIOR APPLICATION NUMBER: US 60/071,449
PRIOR FILING DATE: 1998-01-13
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                                                                                                                                                                                                                                                                                                                                                                                                                US-08-913-322-16/c
; Sequence 16, Application US/08913322
; Publication No. US20020137028A1
                                                                                                                                                                                                                                                                      2351 GGATTACAGGCATGAGCCA 2369
                                                                                                                                                                                                                                                                                                  1 GGATTACAGGYRTGAGCCA 19
                       TYPE: DNA ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 20, Conserval
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LENGIH: 19
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LENGTH: 23
                                                                       FEATURE:
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Sequence 167, Application US/10680287A

FULDICATION NO. US20040244069A1

GENERAL INFORMATION:
APPLICANT: Babij, Philip
APPLICANT: Babij, Philip
APPLICANT: Babij, Peter van Nest
TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
FILE REFERENCE: 032796-179
CURRENT APPLICATION NUMBER: US/10/680,287A

CURRENT APPLICATION NUMBER: PCT/US02/14876

FRIOR APPLICATION NUMBER: US/05020-05-13

FRIOR FILING DATE: 2002-05-13

FRIOR APPLICATION NUMBER: US 60/290,071
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APPLICANT: Yaworsky, Paul
APPLICANT: Yaworsky, Paul
APPLICANT: Bex, Frederick J. III
APPLICANT: Bodine, Peter Van Nest
TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
FILE REFERENCE: 032796-212
CURRENT APPLICATION NUMBER: US/10/477,238A
CURRENT FILING DATE: 2003-11-10
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Best Local Similarity 87.0%; Pred. No. 1e+03;
Matches 20; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION NUMBER: US 60/290,071
PRIOR FILING DATE: 2001-05-11
PRIOR PILING DATE: 2001-05-11
PRIOR PILING DATE: 2001-05-17
PRIOR PILING DATE: 2001-05-17
PRIOR PILING DATE: 2002-05-17
PRIOR PILING DATE: 2002-02-01
PRIOR FILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 812
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 167
LENGTH: 23
PRIOR APPLICATION NUMBER: US 60/105,511
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SOFTWARE: PastSEQ for Windows Version 4.0
LENGTH: 23
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                                                                                                                                                                       ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-477-238A-167
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2117 TGTTACCCAGGCTGGAGTGCAGT 2139
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                                                                                                           23 TATCACCCAGGCTGGAGTGCAAT 1
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
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Best Local Similarity 87.0%;
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
COTHER INFORMATION: primer
US-10-323-463-12
                                                                                                                                                                                                                                                       US-10-323-463-12/c
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US-09-935-223-9
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87.0%; Pred. No. 1e+03;
tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2; DB 1; Length 23; 1e+03;
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MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb COMPUTER: IBM compatible PC OPERATING SYSTEM: Windows 95 SOFTWARE: Word 97 (BOS text format) SOFTWARE: Word 97 (BOS text format) APPLICATION DATA:

APPLICATION UNDRER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: <underween comparisors of the companies of the companies
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APPLICATION NUMBER: 09/018,584

FILING DATE: 04-Feb-1998

ATTORNEY/AGENT INFORMATION:

NAME: Grady J. Frenchick

REGISTRATION NUMBER: 29,018

REFERENCE/DOCKET NUMBER: 16026.9180

TELECOMMUNICATION INFORMATION:

TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 18.2; D
Pred. No. 1e+0
0; Mismatches
              PRIOR APPLICATION NUMBER: US 60/291,311
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2001-05-17
PRIOR PILING DATE: 2002-02-01
PRIOR PILING DATE: 2002-02-01
PRIOR PILING DATE: 2002-03-04
NUMBER OF SEQ ID NOS: 812
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 167
LENGTH: 23
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ADDRESSEE: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2259 CTTTTAGTAGAGACAGGGTTTCA 2281
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Patent No. US20020012924A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  'ELEFAX: (608) 257-2275
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: Nucleic Acid
STRANDEDNESS: Single
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SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.8%;
Best Local Similarity 87.0%;
Matches 20; Conservative
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FILING DATE: 2001-05-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: Linear
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Best Local Similarity 87.0
Matches 20; Conservative
                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA; ORGANISM: Homo sapiens
US-10-680-287A-167
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-784-423-96/C
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US-10-309-775A-33/C

US-10-309-775A-33/C

Sequence 33, Application US/10309775A

Publication No. US20040006032A1

GENERAL INFORMATION:

APPLICANT: LOPEZ, Ricardo A.

TITLE OF INVENTION: IMMUNOSTIMULATORY OLIGONUCLEOTIDES AND USES THEREOF

FILE REFERENCE: 2901/0M3.7

CURRENT PILING DATE: 2002-12-04

PRIOR PILING DATE: 2002-12-04

PRIOR FILING DATE: 2002-05-30

NUMBER OF SEQ ID NOS: 74

SOFTWARE: Patentin version 3.1

SEQ ID NO 33

LENGTH: 24
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Sequence 12, Application US/10323463
; Publication No. US20030157693A1
; GENERAL INFORMATION:
; APPLICANT: URFORMATION:
; APPLICANT: URFORMATION:
; TITLE OF INVENTION: CELL LINES WITH LATENT IMMUNOBERICIENCY
; TITLE OF INVENTION: VIRUS AND METHODS OF USE THEREOF
; TITLE OF INVENTION: VIRUS AND METHODS OF USE THEREOF
; FILE REFERENCE: UCAL-261
; CURRENT APPLICATION NUMBER: US/10/323,463
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US 60/341,727
; PRIOR FILING DATE: 2001-12-19
; NUMBER OF SEQ ID NOS: 50
; SEQ ID NO 12
; SEQ ID NO 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 24;
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Pred. No. 1e+03;
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0.8%; Score 18.2; D

Best Local Similarity 87.0%; Pred. No. 1e+0

Matches 20; Conservative 0; Mismatches
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APPLICANT: Yang, Meijia
APPLICANT: Yang, Meijia
APPLICANT: Boldog, Ference
APPLICANT: Boldog, Ference
APPLICANT: Baithson, Glennda
APPLICANT: Rastelli, Luca
TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND
TITLE OF INVENTION: METHODS OF USING THE SAME
FILE REFERENCE: CURA-65 CIP
CURRENT APPLICATION NUMBER: US/10/098,871
CURRENT FILING DATE: 2002-11-26
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0.8%; Score 18; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0;
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Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0;
                                                                                                                                                                                       ; OTHER INFORMATION: primer for MDM2 mutant
US-10-424-630-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ) OTHER INFORMATION: Ag121 forward primer US-10-098-871-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER: 09/659, 634
PRIOR FILING DATE: 2000-09-12
PRIOR PELICATION NUMBER: 60/153,629
PRIOR PELICATION NUMBER: 60/154,520
PRIOR PELICATION NUMBER: 60/154,520
PRIOR PILING DATE: 1999-09-13
PRIOR PILING DATE: 1999-09-20
PRIOR PELING DATE: 1999-09-20
PRIOR PILING DATE: 1999-09-13
PRIOR PILING DATE: 2000-10-31
PRIOR PILING DATE: 2000-10-31
PRIOR PILING DATE: 2000-10-31
PRIOR PILING DATE: 2001-03-19
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US-10-636-065-98/C
Sequence 98, Application US/10636065
; Publication No. US20040127694A1
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Publication No. US20030198958A1
GENERAL INFORMATION:
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  PRIOR FILING DATE: 1998-03-19
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
LENGTH: 18
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                                                                                                                           TYPE: DNA
ORGANISM: Artificial Sequence
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Herrmann, John
Liu, Xiaohong
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                                       APPLICANT: Alnomit, Emad S.

TITLE OF INVENTION: Fadd-Like Anti-Apoptotic Molecules, Methods Of Using The Same, AT TITLE OF INVENTION: Compositions For And Methods Of Making The Same FILE REFERENCE: TJU12499
CURRENT APPLICATION NUMBER: US/09/935,223
CURRENT FILING DATE: 2001-08-22
PRIOR PPLICATION NUMBER: 09/723,450
PRIOR APPLICATION NUMBER: 09/723,450
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1999-03-26
PRIOR FILING DATE: 1997-05-20
NUMBER OF SEQ ID NOS: 17
SOCTWARE: Patentin version 3.1
SEQ ID NO 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: DEPLIAN. ROBERT A.
TITLE OF INVENTION: A METHOD OF INHIBITING CELL PROLIFERATION USING AN ANTI-ONCOGENE
FILE REFERENCE: 96700/469
CURRENT FALLING DATE: 1998-03-19
NUMBER OF SEQ ID NOS: 2
SOFTWARE: Patentin version 3.1
SEQ ID NO 2
LENOTH: 18
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: primer for MDM2 mutant
US-09-044-602-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Novel Sequence US-09-935-223-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 2, Application US/09044602
Publication No. US20020193325A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
US20020086983A1
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Best Local Similarity 100.
Matches 18; Conservative
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APPLICANT: Wyeth
APPLICANT: O'TOOLE, MARGOT
APPLICANT: U.W. Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AMI01331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN version 3.2
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; Publication No. US20040265230A1
; GENERAL INFORMATION:
    APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; APPLICANT: Liu, Wei
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
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CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
                                                                                                                                                                                                                                                                                                        Length 20;
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0.8%; Score 18; DB 1; I
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                            ) OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1032
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 20441, Application US/10786720; Publication No. US20040191818A1; GENERAL INFORMATION:
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 1032
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                        2330 CCTCGGCCTCCCAAAGTG 2347
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; ORGANISM: RNAi-sense strand
US-10-786-720-20441
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Matches 15; Conservative
                                                                                                                                                      TYPE: DNA ORGANISM: artificial
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ORGANISM: RNAİ
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LENGTH: 21
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LENGTH: 21
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REPERENCE: 1179/1/US
CURRENT APPLICATION UDMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
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Publication No. US20030105040A1
GENERAL INFORMATION:
APPLICANT: Breat P. Monia
APPLICANT: Andrew T. Watt
TITLE OF INVENTION ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
CURRENT APPLICATION NUMBER: US/09/993,731
CURRENT FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 89
LENGTH: 20
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                                      APPLICANT: Lactase, Evic
APPLICANT: Lactase, Evic
APPLICANT: Baird, Stephen
APPLICANT: Baird, Stephen
APPLICANT: Wartin
APPLICANT: Young, Sean
TITLE OF INVENTION: Thereof
TITLE OF STEPHENCE: 2003-09-07
FILE REFERENCE: 2003-08-07
PRIOR APPLICATION NUMBER: 09/672,717
PRIOR FILING DATE: 2000-02-8
NUMBER OF SEQ ID NOS: 231
SOFTWARE: PRAESEQ for Windows Version 4.0
SEQ ID NO 88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.8%; Score 18; DB 1; Length 19; Best Local Similarity 100.0%; Pred. No. 1.1e+03; Matches 18; Conservative 0; Mismatches 0; Indels
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0.8%; Score 18; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Antisense Oligonucleotide US-09-993-731-22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: based on Homo sapiens US-10-636-065-98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 1047
US-10-671-395-1032/c
Sequence 1032, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2189 TCTCCTGCCTCAGCCTCC 2206
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2124 CAGGCTGGAGTGCAGTGG 2141
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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RESULT 1052
US-10-013-295-50/c
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                                                                                                                                                                                                                                                                        FEATURE:
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                                                                                    Gaps
                                                                                                                                                                                                                                                              Sequence 87, Application US/09974546
Publication No. US20030050470A1
GENERAL INFORMATION:
APPLICANT: An, Gang
O'Hara, S. Mark
Ralph, David
Veltri, Robert
TITLE OF INVENTION: BIOMARKERS AND TARGETS FOR DIAGNOSIS,
PROGNOSIS AND MANAGEMENT OF PROSTATE DISEASE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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MEDIUM TYPE: FLORM:
MEDIUM TYPE: FLORMy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRINT APPLICATION DATA:
APPLICATION NAMBER: US/09/974,546
FILING DATE: 10-Oct-2001
CLASSIFICATION: Unknown
                                        0.8%; Score 18; DB 1; Length 21; 66.7%; Pred. No. 1.1e+03; Live 6; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0.8%; Score 18; DB 1; Length 22; 100.0%; Pred. No. 1.1e+03; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/097,199
FILING DATE: 1996-06-12
ATTORNEY/AGENT INFORMATION:
NAME: Nakashima, Richard A.
REGISTRATION NUMBER: P-42,023
REFERENCE/DOCKET NUMBER: UROC:018
TELECOMMUNICATION INFORMATION:
TELEPHONE: (512) 418-3000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CORRESPONDENCE ADDRESS:
RADBRESSER: Arnold, White & Durkee STREET: P.O. Box 4433
CITY: Houston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE DESCRIPTION: SEQ ID NO: 87:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 1051
US-09-996-292A-50/c
S. Sequence 50, Application US/0996292A
Publication No. US20030158403A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
                                                                                                                      2188 TTCTCCTGCCTCAGCCTC 2205
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELEFAX: (512) 474-7577 INFORMATION FOR SEQ ID NO: 87: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2336 CCTCCCAAAGTGCTGGGA 2353
                                                                                                                                               1 UNCUCCUGCCUCAGCCUC 18
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TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 87
                                                           Best Local Similarity 66.7
Matches 12, Conservative
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Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STATE: Texas
COUNTRY: USA
US-10-751-736-5087
                                                                                                                                                                                                                                             US-09-974-546-87
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                                          Query Match
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; Publication No. US20030175906A1
; Publication No. US20030175906A1
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS4946
; CURRENT APPLICATION NUMBER: US/10/013,295
; CURRENT FILING DATE: 2001-12-10
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
                APPLICANT: Prakash, Thazha P.
APPLICANT: Rajeev, Kallanthottathil Gopalan
TTLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FILE REFERENCE: ISIS-4804
CURRENT APPLICATION UMBER: US/09/996,292A
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.1
SEQ ID NO 50
LENGTH: 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 22;
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0.8%; Score 18; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: No. US20030175906A1el Sequence US-10-013-295-50
                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Completely synthetic sequence US-09-996-292A-50
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 87. Application US/09918686
Fatent No. US20020076720A1
GENERAL INFORMATION:
APPLICANT: Brunkow, Mary
APPLICANT: Prol1, Sean
APPLICANT: Braper, Bryan
APPLICANT: Stachling-Hampton, Karen
ITILE OF INVENTION: METHODS FOR IDENTIFYING
FILE REFERENCE: 240083.515
CURRENT APPLICATION NUMBER: US/09/918,686
CURRENT FILING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1580 AGAGAGTGTGGAATCTAG 1597
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORGANISM: Artificial Sequence FEATURE:
APPLICANT: Maier, Martin A.
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SOFTWARE: FastSEQ for Windows Version 4.0
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i Sequence 401, Application US/10085906

j Publication No. US2030054371A1

i GENERAL INFORMATION:

APPLICANT: Win, Paul

APPLICANT: Win, Paul

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF

TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF

TITLE OF INVENTION: UNMBER: US/10/085,906

CURRENT APPLICATION NUMBER: US 60/126,215

PRIOR PELLING DATE: 1999-03-25

PRIOR PELLING DATE: 1999-03-24

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-24

PRIOR FILING DATE: 2000-03-24

NUMBER OF SEQ ID NOS: 545

NUMBER OF SEQ ID NOS: 545
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Fublication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
APPLICANT: GTAY, GATY, GATY
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
FILE REPERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT PILING DATE: 2002-02-7
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 1999-03-25
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR APPLICATION NUMBER: S00-03-24
PRIOR APPLICATION NUMBER: PCT/US00/07938
PRIOR APPLICATION NUMBER: PCT/US00/07938
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                                                                                                                                                                                                                                                                                               2312 GACCTCGTGATCCGCCCACCT 2332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2114 CTCTGTTACCCAGGCTGGAGT 2134
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                                                TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                      CTHER INFORMATION: PCR primer US-09-918-686-87
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
CORGANISM: Homo sapiens
US-10-085-906-401
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LENGTH: 21
SEQ ID NO 87
LENGTH: 21
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Sequence 6, Application US/10255434

Publication No. US20030129626A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Nielsen, Kirsten V.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To The
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26

SOUTHWARE: PATENTIN Ver. 2.1
                                                                                                                                                                                                                         Gaps
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OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence
FEATURE:
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; Publication No. US20030113726A1
; GENERAL INFORMATION:
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERRNCE: D0053NP
; CURRENT PILLING DATE: 2001-12-03
; PRIOR PILLING DATE: 2001-12-04
; PRIOR FILING DATE: 2001-01-24
; PRIOR FILING DATE: 2001-01-23
; PRIOR FILING DATE: 2001-01-23
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
                                                                                                                                                               0.8%; Score 17.8; DB 1; Length 21; 90.5%; Pred. No. 1.1e+03; tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.8%; Score 17.8; DB 1; Length 21; Best Local Similarity 90.5%; Pred. No. 1.1e+03; Matches 19; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                              2340 CCAAAGTGCTGGGATTACAGG 2360
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                                                                                                                                                    Query Match
Best Local Similarity 90.5'
Matches 19; Conservative
                                                       ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-474
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SEQ ID NO 474
LENGTH: 21
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RESULT 1058
US-10-255-434-18/c
is Sequence 18, Application US/10255434
is Publication No. US20030129626A1
is GENERAL INFORMATION:
is APPLICANT: Midlsem, Kirsten V.
is APPLICANT: Williams, Brett F.
is TITLE OF INVENTION: Suppression Of Detectable Probe Binding To The TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid FILE REFERENCE: BP0101-US
is CURRENT APPLICATION NUMBER: US/10/255,434
is CURRENT PILING DATE: 2002-09-24
is NUMBER OF SEQ ID NOS: 26
is SEQ ID NOS: 26
is SEQ ID NOS: 26
is SEQ ID NOS: 21
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Publication No. US20030129626A1

GENERAL INFORMATION:

APPLICANT: Nielsen, Kirsten V.

APPLICANT: Williams, Brett F.

TITLE OF INVENTION: Suppression Of Detectable Probe Binding To The
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BP0101-US

CURRENT APPLICATION WUMBER: US/10/255,434

CURRENT APPLICATION WUMBER: US/10/255,434

CURRENT PILING DATE: 2002-09-24

NUMBER OF SEQ ID NOS: 26

SEQ ID NOS: 26

SEQ ID NO 25

LENGTH: 21
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; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe; OTHER'INFORMATION: Sequence
US-10-255-434-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ) OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe CTHER INFORMATION: Sequence US-10-255-434-18
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OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence
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                                                                                                                                                           2; Indels
                                                                                                         Length
                                                                                                 Query Match 0.8%; Score 17.8; DB 1;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2;
                                                                                                                                                                                                        2290 GCCAGGATGGTCTCGATCTCC 2310
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ORGANISM: Artificial Sequence
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; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe; OTHER INFORMATION: Sequence
US-10-255-434-25
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Publication No. US20040009157A1
GENERAL INFORMATION:
APPLICANT: Gazit, Dan
TITLE OF INVENTION: METHODS OF INDUCING OR ENHANCING CARTILAGE REPAIR
FILE REFERENCE: P-4891-US2
CURRENT APPLICATION NUMBER: US/10/298,215
CURRENT APPLICATION NUMBER: US/10/298,215
NUMBER OF SEQ ID NOS: 17
SOFTWARE: Patentin version 3.0
SSQ ID NO 10
LENGTH: 21
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0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels
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0.8%; Score 17.8; DB 1; Length 21;
Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                       Length 21;
                                                                                                                                                                                                                                                                Indels
                                                                                                                                                                   Score 17.8; DB 1;
Pred. No. 1.1e+03;
0; Mismatches 2;
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US-10-353-150-87/C
US-10-353-150-87/C
Sequence 87, Application US/10353150
Publication No. US20030157543A1
GENERAL INFORMATION:
APPLICANT: Brunkow, Mary E.
APPLICANT: Papel, Sean
APPLICANT: Papel, Sean
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF SEQUENCE: 240083.515C1
CURRENT APPLICATION NUMBER: US/10/353,150
CURRENT FILING DATE: 2003-01-27
NUMBER OF SEQ ID NOS: 105
SEQUENCE: TEREFORMER: TEREFORMER
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ORGANISM: Artificial Sequence
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Best Local Similarity 90.5%;
Matches 19; Conservative
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US-10-751-736-4615

Sequence 4615. Application US/10751736

Publication No. US20040265230A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: CAMPOSTIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CAMPOS27 (031896-002000)
TITLE OF INVENTION: CAMPOS27 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
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APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: CONCOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REPERBENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT PILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
NUMBER: OF SEQ ID NOS: 54873
SOFTWARE: PATENTING DATE: 2003-01-06
NUMBER: OF SEQ ID NOS: 54873
SOFTWARE: PATENTIN VERBION 3.2
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0.8%; Score 17.8; DB 1;
Best Local Similarity, 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2;
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; Sequence 42847, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
                                                                                                                                                                                                                                                                                                                             2352 GATTACAGGCATGAGCCACCG 2372
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                       NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
                                                                                                                      ; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20464
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ORGANISM: homo sapiens
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CURRENT FILING DATE:
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Matches 19; Conserv
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                                                                      SEQ ID NO 20464
LENGTH: 21
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LENGTH: 21
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LENGTH: 21
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                                                            Sequence 13238, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Weeh
APPLICANT: O'Toole, Margot
APPLICANT: O'Toole, Margot
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION UNDBER: US/10/786,720
CURRENT APPLICATION UNDBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13238
LENGTH: 21
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Sequence 20464, Application US/10786720

Sequence 20464, Application US/10786720

Sequence 20464, Application No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: Weith Weith

APPLICANT: Liu, Wei

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: DISEASES

FILE REPERRACE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wheth
APPLICANT: Wreth
APPLICANT: D. Toole, Margot
APPLICANT: Liu, Mei
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DAGS: 2104-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
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1.1e+03;
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; Pred. No. 1.1e+
0; Mismatches
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Best Local Similarity 90.5%;
Matches 19; Conservative
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US-10-786-720-13238
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CORGANISM: Homo sapiens
US-10-786-720-20455
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Best Local Similarity
Matches 19; Conserv
                                         US-10-786-720-13238/c
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LENGTH: 21
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US-10-751-736-42847

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Sequence 100, Application US/09988626
Publication No. US20030044959A1
GENERAL INFORMATION:
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Matches 18; Conservative
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ORGANISM: Homo sapiens
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US-09-988-687-100
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US-09-988-687-100/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR APPLICATION NUMBER: US STOWN STOWN STORM STO
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i Sequence 23, Application US/10436523

j Sequence 23, Application US/10436523

j Publication No. US20030180888A1

g GENERAL INFORMATION:
    TITLE OF INVENTION: CD2000 AND CD2001 MOLECULES, AND USES THEREOF

j FILE REFERENCE: 7853-244-999

c CTRRENT APPLICATION NUMBER: US/10/436,523

c CURRENT FILING DATE: 2003-365-12

PRIOR PILING DATE: 2001-11-20

j PRIOR FILING DATE: 2001-11-20

rRIOR APPLICATION NUMBER: US/10/607,303

rRIOR FILING DATE: 2000-11-03

s NUMBER: OF SEQ ID NOS: 100

s SOFTWARE: Patentin version 3.1

s SEQ ID NO 23

LENGTH: 22
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Best Local Similarity 90.5%; Pred. No. 1.1e+03;
Matches 19; Conservative 0; Mismatches 2; Indels
Query Match 0.8%; Score 17.8; DB 1; Length 21; Best Local Similarity 90.5%; Pred. No. 1.1e+03; Matches 19; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0.8%; Score 17.8; DB 1; Length 21; 90.5%; Pred. No. 1.18+03; Live 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 42916, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Wyeth
                                                                                                                                                   2297 TGGTCTCGATCTCCTGACCTC 2317
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Best Local Similarity 90.5
Matches 19; Conservative
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ORGANISM: homo sapiens
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GRGANISM: Abies alba
US-10-436-523-23
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sequence 100, Application US/0998687
; Sequence 100, Application US/0998687
; Publication No. US20030045704A1
; GENERAL INFORMATION:
    APPLICANT: Tartigian, Sean V.
; APPLICANT: Teng, David H.F.
; APPLICANT: Simard, Jacques
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Rommens, Johanna M.
; APPLICANT: Myriad Genetics, Informosome 17p-Linked Prostate Cancer Susceptibility
; TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
; TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
; TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
; TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
; TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
; TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
; TITLE OF INVENTION: UMBER: US/09/988,687
; FRIOR FILING DATE: 2000-05-05
; PRIOR FILING DATE: 1999-11-06
; PRIOR FILING DATE: 1999-11-05
; PRIOR FILING DATE: 1999-11-05
; ROMBER OF SEQ ID NOS: 240
; SEQ ID NO 100
; LENGTH: 19
; TUPE: NAN
APPLICANT: Tavidian, Sean V.
APPLICANT: Tavidian, Sean V.
APPLICANT: Tavidian, Sean V.
APPLICANT: Tavidian, David H.F.
APPLICANT: Simard, Joaques
APPLICANT: Simard, Joaques
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Cene and a Paralog and Orthologous Genes
TITLE OF INVENTION: Gene and a Paralog and Orthologous Genes
TILE REFERENCE: 2318-258
TITLE OF INVENTION: WOMBER: US/09/988,626
CURRENT APPLICATION NUMBER: US/09/988,626
CURRENT FILING DATE: 2000-05-05
PRIOR PILING DATE: 1000-05-05
PRIOR APPLICATION NUMBER: US 60/107,468
PRIOR PILING DATE: 1999-11-05
PRIOR PRILING DATE: 1999-11-05
PRIOR PRILING DATE: 1999-11-05
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 100
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Pred. No. 1.2e+03;
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US-10-204-254A-57/C

Sequence 57, Application US/10204254A

Sequence 57, Application US/10204254A

Publication No. US20030176649A1

GENERAL INFORMATION:
TILLE OF INVENTION: WHGLOM gene and its mutations causing disorders with a vascular FILE REFRENCE: DELCES9.001APC
CURRENT APPLICATION NUMBER: US/10/204,254A

CURRENT APPLICATION NUMBER: PCT/EP01/01760

PRIOR FILING DATE: 2001-02-16

PRIOR FILING DATE: 2000-02-16

PRIOR FILING DATE: 2000-02-16

PRIOR FILING DATE: 2000-02-16

PRIOR FILING DATE: 2000-01-03

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                                                                                             FILING DATE: 19-Apr-1999
APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-CCT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-CCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith, Timothy L.
REGISTRATION NUMBER: 35,367
REFERENCE/DOCKET NUMBER: 35,367
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: D185378 forward primer SEQUENCE DESCRIPTION: SEQ ID NO: 86:
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Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
                           CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952
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                                                                                                                                                                                                                                                                                                                                    TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
       FILING DATE: 19-Sep-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2111 TTGCTCTGTTACCCAGGCT 2129
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                         INFORMATION FOR SEQ ID NO: 86:
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SOFTWARE: PatentIn version 3.1
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: 1...19
OTHER INFORMATION:
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Best Local Similarity 94.73
Matches 18; Conservative
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Best Local Similarity 94.7
Matches 18; Conservative
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US-10-251-598-86/c
is 20-251-598-86/c
s Publication No. US20030170668A1
s Publication No. US20030170668A1
i GENERAL INFORMATION:
APPLICANT: Detera-wadleigh, Sevilla D.
Gershon, Blliot S.
Badner, Judith A.
Goldin, Lynn R.
Berrettini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.
Esterling, Lisa E.
Esterling, Lisa E.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic
Tests for Manic-Depressive Illness
                                                                                                                                                                                                                           APPLICANT: Tavitgian, Sean V.
APPLICANT: Tavitgian, Sean V.
APPLICANT: Teng, David H.F.
APPLICANT: Simard, Jacques
APPLICANT: Simard, Jacques
APPLICANT: Rommens, Johanna M.
APPLICANT: Rommens, Johanna M.
APPLICANT: Myriad Genetics, Inc.
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Suscept:
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Suscept:
TITLE OF INVENTION: Chromosome 17p-Linked Prostate Cancer Suscept:
TITLE OF INVENTION: Observed and a Paralog and Orthologous Genes
FILE REFERENCE: 2318-258
CURRENT APPLICATION NUMBER: 09/98,686
CURRENT APPLICATION NUMBER: 09/564,805
PRIOR FILING DATE: 2000-05-05
PRIOR APPLICATION NUMBER: 09/434,382
PRIOR FILING DATE: 1999-11-05
PRIOR FILING DATE: 1999-11-05
NUMBER OF SEQ ID NOS: 240
SEQ ID NO 100
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CORRESPONDENCE ADDRESS:
STREET: Two Embarcadero Center, Bighth Floor
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ZIP: 9411-3834
COMPUTER READABLE PORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: OSE
SOFTWARE: PastSEQ for Windows Version 2.0
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Pred. No. 1.2e+03;
0; Mismatches 1;
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APPLICATION NUMBER: US/10/251,598
                                                                                                                                                                Sequence 100, Application US/09988686
Publication No. US20030120052A1
2196 CCTCAGCCTCCCAATTAGC 2214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2196 CCTCAGCCTCCCAATTAGC 2214
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                                                                                                                                                                                           US20030120052A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 94.7<sup>3</sup>
Matches 18, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; ORGANISM: Homo sapiens
US-09-988-686-100
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2144 GATCTTGGCTCACTGCAAG 2162
                 2343 AAGIGCIGGGATTACAGGC 2361
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US-09-888-361-95
; Sequence 95, Application US/09888361
                                                                                                                                                                                                                                                                                                                Sequence 3, Application US/10676154
Publication No. US20040081996A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 94.77
Matches 18, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                        JS-10-676-154-3/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 1077
US-09-898-361-95
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US-10-455-552-66/c

Sequence 66, Application US/10455552

Sequence 66, Application US/10455552

Sequence 66, Application World S33A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Adam, Gail Isabel
APPLICANT: Bands General Bands Applicant: Smylie, Reth, Richard
APPLICANT: Smylie, Reth, Richard
APPLICANT: Smylie, Reth, Richard
APPLICANT: Denissenko, Mikhail
APPLICANT: Smylie, Redissenko, Mikhail
APPLICANT: Mikhail
APPLICANT: Smylie, Redissenko, Mikhail
APPLICANT: Mikhail
APPLICANT: Maria
APPLICANT
                                                                                                                                                                                                                                             Sequence 62, Application US/10455552
Publication Wo. US20040018533A1
GENERAL INFORMATION:
APPLICANT: Adam, Gail Isabel
APPLICANT: Langdown, Maria
APPLICANT: Both, Richard
APPLICANT: Both, Richard
APPLICANT: Smylle, Kevin
APPLICANT: Smylle, Kevin
APPLICANT: Denissenko, Mikhail
APPLICANT: Smylle, Kevin
APPLICANT: Denissenko, Mikhail
APPLICANT: Denissenko, Mikhail
APPLICANT: Denissenko, Mikhail
APPLICANT: Denissenko, Mikhail
APPLICANT: DenoSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS
TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
CURRENT APPLICATION NUMBER: US 60/386,012
PRIOR APPLICATION NUMBER: US 60/386,012
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                                                19 GreredaAcrecreacere 1
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ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
; OTHER INFORMATION: Primer US-10-455-552-62
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Sequence 95, Application US/09898361
| Publication No. US20030008732A1
| Publication No. US20030008732A1
| GENERAL INFORMATION:
| APPLICANT: Suean Murray
| APPLICANT: Suean Murray
| APPLICANT: Suean Murray
| TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR | TITLE OF INVENTION: EXPRESSION | TITLE OF INVENTION: UNMBER: US/09/898,361 | CURRENT APPLICATION NUMBER: US/09/898,361 | UNMBER OF SEQ ID NOS: 163 | SEQ ID NO 95 | SEQ ID NO 95 | SEQ ID NO 95 | LENGTH: 20
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APPLICANT: John Landers
APPLICANT: David Houseman
APPLICANT: Barbbara Jordan
APPLICANT: Barbbara Jordan
APPLICANT: Alain Charest
TITLE OF INVENTION: Methods and Products Related to
TITLE OF INVENTION: Genctyping and DNA Analysis
FILE REPERENCE: MOSS6/JO45 HGLL/MAT)
CURRENT APPLICATION NUMBER: US/JO/676,154
CURRENT FILING DATE: 2003-09-29
PRIOR FILING DATE: 1998-09-25
PRIOR FILING DATE: 1998-09-24
PRIOR FILING DATE: 1999-09-24
NUMBER OF SEQ ID NOS: 691
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 3
LENGTH: 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-09-898-361-95
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Sequence 28, Application US/10143266
Publication No. US20030108887A1
GENERAL INFORMATION:
APPLICANT: Ranum, Laura
APPLICANT: Day, John
APPLICANT: Liquori, Christina
APPLICANT: Liquori, Christina
TILE REPERENCE: 110.01580101
CURRENT APPLICATION NUMBER: US/10/143,266
CURRENT APPLICATION NUMBER: 60/290,365
PRIOR APPLICATION NUMBER: 60/290,365
PRIOR FILING DATE: 2001-05-11
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94.7%; Pred. No. 1.1e+03;
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0.7%; Score 17.4; DB 1;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1;
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// LOCATION: (20)...(20)

US-09-996-292A-52
PILE REFERENCE: ISIS-4804
CURRENT APPLICATION NUMBER: US/09/996,292A
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.1
SEQ ID NO 52
LENGTH: 20
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                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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SOFTWARE: Patentin version 3.1
SEQ ID NO 12
LENGTH: 20
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ) OTHER INFORMATION: Synthetic US-10-222-334-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 94.7
Matches 18, Conservative
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                                                                                            APPLICANT: Jacqueline wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: RTS-0158
CURRENT APPLICATION NUMBER: US/09/888,361
CURRENT FILING DATE: 2001-06-21
NUMBER OF SEQ ID NOS: 163
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## Sequence 5.1. Application No. US20030158403A1

## Sequence 5.1. Application No. US20030158403A1

## SEGUENAT: Manoharan, Muthiah

## APPLICANT: Manoharan, Muthiah

## APPLICANT: Prakash, Thazha P.

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Publication No. US20030158403A1
GENERAL INFORMATION:
APPLICANT: Manoharan, Muthiah
APPLICANT: Maier, Martin A.
APPLICANT: Rajeev, Kallauthottathil Gopalan
TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
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0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match

0.7%; Score 17.4; DB 1;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Completely synthetic sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME/KEY: misc feature
LOCATION: (1). (1)
OTHER INFORMATION: N= G-clamp modification
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1578 GAAGAGAGTGTGGAATCTA 1596
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 cercasecreceaagrase 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  20 GACGAGAGTGTGGAATCTA 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
Publication No. US20030064944A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                  APPLICANT: Susan Murray
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-09-996-292A-52/c
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                                                                                                                                                                                                                                                                                                                      SEQ ID NO 95
LENGTH: 20
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Caskey, Charles T
Cox, Roger D
Gerhold, David
Heav, Patricia
Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: US20030181660Alel LDL-Receptor
NUMBER OF SEQUENCES: 455
CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. US20030181660Alth Glebe Road, Eighth Floor
CITY: Arlington
STREET: us
COUNTRY: US
ZID: "A.C."
                                                                                                                                                  Gaps
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US-10-013-295-52/c

Sequence 52, Application US/10013295

Publication No. US20030175906A1

GENERAL INFORMATION:

APPLICANT: Manoharan, Muthiah

TITLE OF INVANTION: Nuclease Resistant Chimeric Oligonucleotides

FILE REFERRNCE: ISIS4948

CURRENT FILING DATE: 2001-12-10

PRIOR APPLICATION NUMBER: US/10/013,295

PRIOR PILING DATE: 2001-07-03

NUMBER OF SEQ ID NOS: 55

SOFTWARE: PatentIn version 3.1

SEQ ID NO 52

LENGTH: 20
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0.7%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels
                                                                                                  Length 20;
                                                                                                                                                Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. US20030175906Alel Sequence
NAME/KEY: misc_feature
LOCATION: (20)
...(20)
USATION: (20)
USATION: (20)
USATION: (20)
USATION: (20)
USATION: (20)
                                                                                                Query Match

0.7%; Score 17.4; DB 1;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1;
                                ; OTHER INFORMATION: N= G-clamp modification US-10-013-295-51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 286, Application US/10331907
Publication No. US20030181660A1
GENERAL INFORMATION:
APPLICANT: Todd, John A
Hess, John W
                                                                                                                                                                                         1578 GAAGAGTGTGGAATCTA 1596
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MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                  20 GACGAGAGTGTGGAATCTA 2
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           LOCATION: (1)..(1)
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Publication No. US20030125277A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth Dobie
TITLE RFERENCE: RTS-0331
CURRENT APPLICATION NUMBER: US/10/010,002
CURRENT FILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 86
LENGTH: 20
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TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
FILE REFERENCE: 1S184948
CURRENT APPLICATION UNDBER: US/10/013,295
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/302,682
PRIOR PILING DATE: 2001-07-03
NUMBER OF SEQ ID NOS: 55
SEPTRARE: Patentin version 3.1
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                  Query Match 0.7%; Score 17.4; DB 1; Length 20; Best Local Similarity 94.7%; Pred. No. 1.1e+03; Matches 18; Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. US20030175906Alel Sequence
NAME/KEY: misc_feature
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Antisense Oligonucleotide US-10-010-002-86
PRIOR APPLICATION NUMBER: 60/302,022
PRIOR FILING DATE: 2001-06-29
PRIOR PRICATION NUMBER: 60/337,831
PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn Version 3.0
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 51, Application US/10013295
Publication No. US20030175906A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                         2106 GAGTCTTGCTCTGTTACCC 2124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2338 TCCCAAAGTGCTGGGATTA 2356
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                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 94.7
Matches 18; Conservative
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COTHER INFORMATION: primer
US-10-143-266-28
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US-10-013-295-51/c
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US-10-010-002-86
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RESULT 1089
US-10-648-593-516/c
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APPLICANT:
APPLICANT:
APPLICANT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
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APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Mancharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PSEUSEQ for Windows Version 4.0
                  OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 20;
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                                                      CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/331,907

FILING DATE: 31-Dec-2002

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/402,923A

FILING DATE: 14-Feb-2001

APPLICATION NUMBER: PCT/GB98/01102

FILING DATE: 15-APR-1998

APPLICATION NUMBER: US 60/043,553

FILING DATE: 15-APR-1997

APPLICATION NUMBER: US 60/048,740

FILING DATE: 05-JUN-1997

ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-331
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQUENCE DESCRIPTION: SEQ ID NO: 286:
                                                                                                                                                                                                                                                                                                                                                                                   REGISTRATION NUMBER: 36,663
REPERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 331, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2146 TCTTGGCTCACTGCAAGCT 2164
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TCTTGGCTCACTGCAACCT 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEFAX: (703)816-4100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              INFORMATION FOR SEQ ID NO: 286:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 94.7
Matches 18; Conservative
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LENGTH: 20
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Sequence 516, Application US/10648593

Publication No. US20040106132A1

RENEMALION

PUBLICATION

PUBLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR

TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS

FILE REPERENCE: DO273 NP

CURRENT APPLICATION NUMBER: US/10/648,593

CURRENT PILLION DATE: 2003-08-26

PRIOR APPLICATION NUMBER: 60/406,385

PRIOR FILING DATE: 2002-08-27
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                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION And talense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
GURRENT APPLICATION NUMBER: 2001-12-04
FRIOR APPLICATION NUMBER: US 09/048,810
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR APPLICATION NUMBER: US 09/280,805
FRIOR PRINTED DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 334
LENGTH: 20
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0.7%; Score 17.4; DB 1;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                      ; Sequence 334, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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696 CTTGAAGGTGGGAGTGATC 714
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                                              19 ccreakeereedaarc 1
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SOFTWARE: Patentin version 3.2
SEQ ID NO 516
LENOTH: 20
                                                                                                                                                                                                                                               APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                         Pamela Nero
Mark J. Graham
Brett P. Monia
Erich Koller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 94.73
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                       MingYi Chiang
Mano Manoharan
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; ORGANISM: Homo sapiens
US-10-648-593-516
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 383
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 422, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION
GENERAL INFORMATION
APPLICANT: Pharmacia Corp.
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT PILING DATE: 2003-09-25
FRIOR PELICATION NUMBER: 60/413,549
PRIOR FLING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
LENGTH: 20
LENGTH: 20
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Sequence 515, Application US/10671395
Sequence 515, Application US/10671395
Sequence 515, Application US/10671395
SEQUENCE 515, Application No. US20040132063A1
SERBEAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Clarse, James M MUNITERNSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILLE REPERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 06/413,549
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 0.7%; Score 17.4; DB 1; Best Local Similarity 94.7%; Pred. No. 1.1e+03; Matches 18; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-422
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TACCC 2124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2107 AGTCTTGCTCTGTTACCCA 2125
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                                                                                                                 Sequence 86, Application US/10744831
Publication No. US20040121977A1
Publication No. US20040121977A1
REBREAL INRORANTION:
APPLICANT: Renath Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS FILE REFERENCE: RTS-0331
CURRENT APPLICATION NUMBER: US/10/744,831
CURRENT APPLICATION NUMBER: US/10/010,002
PRIOR FILING DATE: 2003-12-23
PRIOR PILING DATE: 2001-11-08
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 86
LENGTH: 20
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Bublication No. US20040132063A1

GENERAL INFORMATION:
APPLICANT: DAIRMACIA CORP.
APPLICANT: GIETEG, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EACH SERBINGE: 1079/J/US
CURRENT FILING DATE: 2003-09-25
FRIOR APPLICATION NUMBER: 60/413,549
FRIOR PLILING DATE: 2003-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE PACENTIN VERSION 3.2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-744-831-86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-232
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Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
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          20 CTCAGCCTCCCAAGTAGCT
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Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: artificial
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US-10-671-395-232/c
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                                                                                                       US-10-744-831-86
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LENGTH: 20
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Sequence 1432, Application US/10671395

| Sequence 1432, Application US/10671395
| Sequence 1432, Application US/10671395
| Publication No. US20040132063A1
| Publication No. US20040132063A1
| APPLICANT: Pharmacia Corp.
| APPLICANT: Gierse, James K
| TITLE OF INVENTION: EXPRESSION
| TITLE OF INVENTION WUMBER: US/10/671,395
| CURRENT FILING DATE: 2002-09-25
| PRIOR FILING DATE: 2002-09-25
| NUMBER OF SEQ ID NOS: 1809
| SOFTWARE PATENTIN VERSION 3.2
| SEQ ID NO 1432
| LENGTH: 20
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Publication No. US20040132063A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Glarse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REPRENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOCTHARE: PALENTIN VERSION 3.2
SEQ ID NO 1112
LENGTH: 20
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Pred. No. 1.1e+03;
0; Mismatches 1; Indels
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                                                                                                                                              1; Indels
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Local Similarity 94.7%; Pred. No. 1.1e+03;
Hes 18; Conservative O; Mismatches 1;
                                                                                                Query Match

0.7%; Score 17.4; DB 1;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1;
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1432
                          ) OTHER INFORMATION: Human PGE2 antisense US-10-671-395-678
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Best Local Similarity 94.7
Matches 18; Conservative
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ORGANISM: artificial
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US-10-671-395-1112/c
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       FEATURE:
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN EZ SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2003-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NOS: 1809
SEQ ID NO 667
LENGTH: 20
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APPLICANT: Pharmacia Corp.

APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR PILING DATE: 2003-09-25
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
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                                                                                                                                                                                                                                                                Length 20;
                                                                                                                                                                                                                                                                                                         Indels
                                                                                                                                                                                                                                                         Query Match

0.7%; Score 17.4; DB 1;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1;
                                                                                                                                                                                     ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-667
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Publication No. US20040132063A1
GENERAL INFORMATION:
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; Sequence 678, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
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PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
                                                                                            LENGTH: 20
TYPE: DNA
ORGANISM: artificial
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ORGANISM: artificial
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TYPE: DNA
ORGANISM: artificial
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                                                                      SEQ ID NO 515
LENGTH: 20
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US-10-477-238A-582/C

| US-10-477-238A-582/C
| Sequence 582, Application US/10477238A
| Publication No. US20040221326A1
| GENERAL INFORMATION:
| APPLICANT: Babij, Philip
| APPLICANT: Babij, Philip
| APPLICANT: Babij, Philip
| APPLICANT: Bex, Frederick J. III
| APPLICANT: Bex, Frederick J. III
| APPLICANT: Bex, Frederick J. III
| APPLICANT: Bodine, Peter Van Nest
| TITLE OF INVENTION Transpenic Animal Model of Bone Mass Modulation
| FILE REFERENCE: 032796-212
| CURRENT FILING DATE: 2003-11-10
| PRIOR FILING DATE: 2001-10-11
| PRIOR FILING DATE: 2001-05-11
| PRIOR FILING DATE: 2001-05-17
| PRIOR FILING DATE: 2002-03-04
| NUMBER OF SEQ ID NOS: 812
| SOFTWARE: FastSEQ for Windows Version 4.0
| SEQ ID NO 582
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19 GAGTCTTGCTCTGTCACCC
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Best Local Similarity 94.7%;
Matches 18; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-680-287A-582/c
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APPLICANT: Pharmacia Corp.

APPLICANT: Giere, James K

TITLE OF INVENTION: ANTIERNSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR PAPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE PATENTE P
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 0.7%; Score 17.4; DB 1; Length 20; Best Local Similarity 94.7%; Pred. No. 1.1e+03; Matches 18; Conservative 0; Mismatches 1; Indels
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| Publication No. US20040176582A1
| GENERAL INFORMATION:
| APPLICANT: Carulli, John P. APPLICANT: Carulli, John P. APPLICANT: Carulli, John P. APPLICANT: Little, Randall D. APPLICANT: Odnson, Mark L. TITLE OF INVENTION: High bone mass gene of 11q13.3 FILE REFRENCE: 032796-013
| CURRENT APPLICATION NUMBER: US/09/544,398B |
| PRIOR APPLICATION NUMBER: US/09/544,398B |
| PRIOR FILING DATE: 2002-06-10 |
| PRIOR PILING DATE: 1999-01-13 |
| PRIOR PILING DATE: 1998-01-13 |
| PRIOR PILING DATE: 1998-01-13 |
| PRIOR PILING DATE: 1998-01-13 |
| PRIOR PILING DATE: 1998-01-3 |
| PRIOR FILING DATE: 1998-01-3 |
| PRIOR FILING DATE: 1998-01-3 |
| PRIOR FILING DATE: 1998-10-23 |
| NUMBER OF SEQ ID NOS: 641 |
| SEQ ID NO SEQ ID NOS: 641 |
| LENGTH: 20
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                                                                                                                                                                                                                US-10-671-395-1544/c
; Sequence 1544, Application US/10671395
; Publication No. US20040132063A1
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                              2254 TIGIACITITAGIAGAGAC 2272
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                                                                                          20 rrgrarrrrragagac 2
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US-10-731-739-582
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: artificial
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US-10-731-739-582/c
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Gaps

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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
                                                                                         Gapa
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              0.7%; Score 17.4; DB 1; Length 20; 94.7%; Pred. No. 1.18+03; ive 0; Mismatches 1; Indels
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Pred. No. 1.1e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Seed Intellectual Property Law Group STREET: 701 Fifth Avenue, Suite 6300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
CERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     REGISTRATION NUMBER: 43,058
REFERENCE/DOCKET NUMBER: 100107.401D1
TELECOMMUNICATION INFORMATION:
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APPLICATION NUMBER: US/10/374,077
FILING DATE: 25-Feb-2003
CLASSIFICATION: *Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: ROSEDMEN, STEPHEN
                                                                                                                                                                                                                                                                                                                                                                                  Sequence 28, Application US/10374077; Publication No. US20040006779A1
GENERAL INFORMATION: Ying-Hui
Yu, Chang-En
Oshima, Junko
Mulligan, John T.
Schellenberg, Gerald D.
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SEQUENCE DESCRIPTION: SEQ ID NO: 28:
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                                                                                                                                                     2106 GAGTCTTGCTCTGTTACCC 2124
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STRANDEDNESS: single
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INFORMATION FOR SEQ ID NO: 28:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 94.7%;
Matches 18; Conservative (
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COMPUTER READABLE FORM:
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STATE: Washington
COUNTRY: USA
                                                                                     18; Conservative
                                          Best Local Similarity
Matches 18; Conserv
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US-10-786-720-13163/c
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              Query Match
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Publication No. US20050003426A1
GENERAL INFORMATION:
APPLICANT: Ranum, Laura
APPLICANT: Biquori, Christina
APPLICANT: Liquori, Christina
TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF PILE REPERENCE: 110.01580101
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APPLICANT: Susan M. Freier
APPLICANT: Andrew T. Watt
APPLICANT: Isis Pharmaceuticals, Inc.
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP VI
TITLE OF INVENTION: (CA2+INDEPENDENT) EXPRESSION
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   Similarity 94.7%; Pred. No. 1.18+03; Pred. No. 1.18+03; S. Conservative 0; Mismatches 1; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: Antisense Oligonucleotide US-10-476-991-18
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CURRENT APPLICATION NUMBER: US/10/476,991
CURRENT FILING DATE: 2003-11-05
PRIOR APPLICATION NUMBER: 09/851,896
PRIOR FILING DATE: 2001-05-09
NUMBER OF SEQ ID NOS: 89
LENGTH: 20
                                                                                                                                              2106 GAGTCTTGCTCTGTTACCC 2124
                                                                                                                                                                                                                                                                                                                                                     S-10-476-991-18
Sequence 18, Application US/10476991
Publication No. US20040248297A1
GENERAL INFORMATION:
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                                                                                                                                                                                                              19 GAGTCTTGCTCTGTCACCC 1
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ORGANISM: Artificial Sequence
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COTHER INFORMATION: primer
US-10-890-685-28
Query Match
Best Local Simi
Matches 18;
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US-10-786-720-14252

1 Sequence 14252, Application US/10786720

2 Publication No. US20040191818A1

3 Feblication No. US20040191818A1

4 APPLICANT: Wyeth

APPLICANT: Wyeth

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

TITLE OF INVENTION: USAGE 023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: Patentin version 3.2

SEQ ID NO 14252

LENGTH: 21
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Pred. No. 1.1e+03;
0; Mismatches 1; Indels
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Pred. No. 1.1e+03;
                 Indels
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             0; Mismatches
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; Sequence 20170, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
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                                                                        2179 TICGCACCATICICTGCC 2197
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Best Local Similarity 78.9%;
Matches 15; Conservative
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Best Local Similarity 94.7%;
Matches 18; Conservative
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US-10-786-720-14252
          18; Conservative
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CORGANISM: Homo sapiens
US-10-786-720-20170
          Matches
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APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REPRENCE: 031896-023000 (AMI01331L.)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13241
LENGTH: 21
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Publication No. US20040191818A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT
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0.7%; Score 17.4; DB 1; Length 21;
Best Local Similarity 94.7%; Pred. No. 1.1e+03;
Matches 18; Conservative 0; Mismatches 1; Indels
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FILE REFERENCE: 031896-023000 (AM101331L)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 13241, Application US/10786720 Publication No. US20040191818A1 GENERAL INFORMATION:
APPLICANT: Wyeth
                           CURRENT APPLICATION NUMBER: US/10/786, CURRENT FILING DATE: 2004-02-26 NUMBER OF SEQ ID NOS: 21135 SOFTWARE: Patentin version 3.2 SEQ ID NO 13163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2278 TTCACCGTGTTAGCCAGGA 2296
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13241
                                                                                                                                                                                                                                  ; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13163
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; ORGANISM: RNAi-sense strand
US-10-786-720-13247
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Best Local Similarity
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US-10-786-720-13241/c
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GENERALL INNVALANT:

APPLICANT: Wattinez, Robert

APPLICANT: Martinez, Robert

APPLICANT: Liu, Weil

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

TITLE OF INVENTION: CANCERS

TITLE OF INVENTION: CANCERS

FILE REPERENCE: AMINO927 (031896-002000)

CURRENT APPLICATION NUMBER: US/10/751,736

CURRENT FILING DATE: 2003-01-06

NUMBER OF SEQ ID NOS: 54873

SOFTWARE: Patentin version 3.2

SEQ ID NO 42416
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 13, Application US/10467019
Publication No. US20040048314A1
GENERAL INFORMATION:
APPLICANT: Takeda Chemical Industries, Ltd.
TITLE OF INVENTION: No. US20040048314A1e1 Phisiological Active Peptide and Its Use;
FILE REFERENCE: PO1-0295PCT
CURRENT PILING DATE: 2003-08-01
PRIOR APPLICATION NUMBER: JP2001-026820
PRIOR APPLICATION NUMBER: JP2001-026820
PRIOR PILING DATE: 2001-02-02
NUMBER OF SEQ ID NOS: 71
SEQ ID NO 13
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Pred. No. 1.1e+03;
0; Mismatches 1;
                                                                                                               Score 17.4; DB 1;
Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
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                                                                                                                                                         0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                       US-10-751-736-42416/c
Sequence 42416, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
                                                                                                                                                                                                     2232 GCCACCACCTGGCTAAT 2250
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ORGANISM: Artificial Sequence
                                                                                                          Query Match
Best Local Similarity 94.7
Matches 18; Conservative
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Matches 18; Conservative
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Best Local Similarity
                           ; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-42413
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    LENGTH: 21
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Sequence 20231, Application US/10786720
Sequence 20231, Application US/10786720
Sequence 20231, Application US/0040191818A1
Sequence 20231, Application No. US20040191818A1
SEQUENCE INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Weith
APPLICANT: Liu, Weith
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 20231
LENGTH: 21
                APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PALENTIN VERSION 3.2
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APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AMJ00927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT PILING DATE: 2003-01-06
PRIOR PAPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR PILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin Version 3.2
SEQ ID NO 42413
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Pred. No. 1.1e+03;
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Pred. No. 1.1e+03;
3; Mismatches 1;
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Publication No. US20040265230A1
GENERAL INFORMATION:
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US-10-786-720-20172
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Best Local Similarity 78.9%;
Matches 15; Conservative
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O'Toole, Margot
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Best Local Similarity
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                                                                                                                                                                                                SEQ ID NO 20172
LENGTH: 21
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US-10-075-425-28/c

Sequence 28, Application US/10075425

Sequence 28, Application US/10075425

Publication No. US20020150939A1

GENERAL INFORMATION:

APPLICANT: Taylor, Kent D.

APPLICANT: Worter, Jerome I.

APPLICANT: Yang, Hulying

TITLE OF INVENTION: Class III Haplotype To Diagnose Crohn's Disease

FILE REFERENCE: P-CE 3639

CURRENT APPLICATION NUMBER: US/10/075,425

CURRENT FILING DATE: 2002-02-12
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                                                                                                                   Sequence 5536, Application US/09764891
Fublication No. US200300778081
GENERAL INFORMATION:
APPLICANT: Rosen et al.
TITLE OF INVENTION:
CURRENT APPLICANTION NUCLEIC Acids, Proteins, and Antibodies
FILE REFERENCE: PC006
CURRENT PILIOR DATE: 2001-01-17
Prior application data removed - consult PALM or file wrapper
NUMBER OF SEQ ID NOS: 10231
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 5536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 5537, Application US/09764891
Publication No. US20030077808A1
| GENERAL INFORMATION:
| APPLICANT: ROSEN et al. |
| TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies FILE REFRENCE: PC006
| CURRENT APPLICATION NUMBER: US/09/764,891
| CURRENT FILING DATE: 2001-01-17
| Prior application data removed - consult PALM or file wrapper NUMBER OF SEQ ID NOS: 10231
| SOFTWARE: Patentin Ver. 2.0
| SEQ ID NO 5537
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2 TATTCACATTTGGTTTCTA 20
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                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
CORGANISM: Homo sapiens
US-09-764-891-5536
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                                                                                                          US-09-764-891-5536/c
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Gaps
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APPLICANT: Shenoy, Suresh G
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-416C (Cura-716 SMT)
FILE REFERENCE: 21402-416C (Cura-716 SMT)
CURRENT APPLICANTION NUMBER: US/10/210,130
CURRENT FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: 60/309,501
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PRIOR APPLICATION NUMBER: US/09/395,345
PRIOR FILING DATE: 1999-09-13
NUMBER OF SEQ ID NOS: 40
SEQ ID NO 28
LENGTH: 22
                                                                                                                                                                                                                                                                                                           2115 TCTGTTACCCAGGCTGGAGTGC 2136
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 308, Application US/10210130 Publication No. US20040014053A1 GENERAL INFORMATION: APPLICANT: Zerhusen, Bryan D.
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Taupier, Raymond J., Jr.
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Padigaru, Muralidhara
Smithson, Glennda
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Burgess, Catherine E.
Khramtsov, Nikolai V.
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Shimkets, Richard A.
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Guo, Xiaojia Sasha
Anderson, David W.
Spytek, Kimberly A.
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Chaudhuri, Amitabha
Chant, John S.
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Kekuda, Ramesh
Miller, Charles E.
Rieger, Daniel K.
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Spaderna, Steven K.
Hjalt, Tord
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Vernet, Corine A.M.
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Edinger, Shlomit R.
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Gangolli, Esha A.
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Casman, Stacie J
Voss, Edward Z.
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Rastelli, Luca
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Ooi, Chean Eng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Ort, Tatiana
                                                                                                                               TYPE: DNA
CORGANISM: Homo sapiens
US-10-075-425-28
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APPLICANT: PINTER, JONATHON H.
APPLICANT: KURIHARA, TAKAO
APPLICANT: SLEPTSOVA, IRINA
APPLICANT: SLEPTSOVA, IRINA
APPLICANT: ZIEHLER, WILLIAM
APPLICANT: ZIEHLER, WILLIAM
APPLICANT: ZIEHLER, WILLIAM
APPLICANT: MAKAROV, VLADIMIR L.
TITLE OF INVENTION: IN VITRO DNA IMMORTALIZATION AND WHOLE GENOME
TITLE OF INVENTION: AMPLIFICATION USING LIBRARIES GENERATED FROM RANDOMLY
FILLE REFERENCE: RUBC:021US
                                                                                                                                                                                                             APPLICANT: PINTER, JONATHON H.
APPLICANT: SLEEPSOVA, IRINA
APPLICANT: KURIHARA, TAKAO
APPLICANT: KURIHARA, TAKAO
APPLICANT: MARAROV, VLADIMIR L.
TITLE OF INVENTION: TAMBORIFICATION AND ANALYSIS OF WHOLE GENOME AND WHOLE
TITLE OF INVENTION: TAMBORIFICATION PROCESS
FILE REFERENCE: RUBC:022US
FILE REFERENCE: RUBC:022US
CURRENT APPLICATION NUMBER: US/10/795,667
FILE REFERENCE: LUBG DATE: 2004-03-08
PRIOR PRILING DATE: 2003-03-07
PRIOR FILING DATE: 2003-03-07
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gaps
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; OTHER THORMATION: Description of Artificial Sequence: Synthetic
US-10-797-333A-48
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Pred. No. 1.2e+03;
0; Mismatches 3;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2313 ACCTGGTGATCGGCCCACCTCG 2334
                                          ; Sequence 120, Application US/10795667; Publication No. US20040209298A1; GENERAL INFORMATION:
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; Sequence 48, Application US/10797333A
; Publication No. US20040209299A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      22 ACCTCATGATCCACCCGCCTCG 1
                                                                                                                                                            SUN, TONG
BRUENING, ERIC EGON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 86.4%;
Matches 19; Conservative (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                           APPLICANT: KAMBEROV, EMMANUEL APPLICANT: SUN, TONG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 127
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 120
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LENGTH: 22
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APPLICANT: Dark, Kyusung
APPLICANT: Lee, Jun E.
TITLE OF INVENTION: Compositions and Methods For Synthesizing Nucleic Acids
FILE REPERENCE: 0942.5580002
CURRENT APPLICATION NUMBER: US/10/655,579
CURRENT FILING DATE: 2003-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR PILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: 60/427,867
PRIOR PILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 164
SOFTWARE: PatentIn version 3.2
PRIOR APPLICATION NUMBER: 60/316,508
PRIOR PILING DATE: 2001-08-31
PRIOR PILING DATE: 2001-08-31
PRIOR PILING DATE: 2001-08-31
PRIOR APPLICATION NUMBER: 60/310,291
PRIOR PILING DATE: 2000-08-03
PRIOR PILING DATE: 2001-08-03
PRIOR PILING DATE: 2001-08-03
PRIOR PILING DATE: 2001-08-03
PRIOR PILING DATE: 2001-09-03
PRIOR PILING DATE: 2001-09-04
PRIOR PILING DATE: 2001-09-04
PRIOR PAPLICATION NUMBER: 60/323,936
PRIOR PILING DATE: 2002-05-16
PRIOR APPLICATION NUMBER: 60/311,292
PRIOR PILING DATE: 2001-08-03
PRIOR PILING DATE: 2001-08-03
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0.7%; Score 17.2; DB 1;
Best Local Similarity 86.4%; Pred. No. 1.2e+03;
Matches 19; Conservative 0; Mismatches 3;
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; Sequence 35, Application US/10655579
; Publication No. US20040126789A1
; GENERAL INFORMATION:
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Matches 19; Conservative
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ORGANISM: Unknown
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LENGTH: 22
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ö Gaps ö Score 17.2; DB 1; Length 22; Pred. No. 1.2e+03; 0; Mismatches 3; Indels 0.7%; Query Match 0.7 Best Local Similarity 86.4 Matches 19; Conservative

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TYPE: DNA
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APPLICANT: FRICE FOUNDALIAN
APPLICANT: FREEBEN
TITLE OF INVENTION: GENES AND SNP8 ASSOCIATED WITH EATING DISORDERS
FILE REFERENCE: 53061-5005-US
CURRENT APPLICATION NUMBER: US/10/483,958
CURRENT APPLICATION NUMBER: US/10/22555
PRIOR APPLICATION NUMBER: US 60/305,153
PRIOR PELING DATE: 2002-07-16
PRIOR FILING DATE: 2001-07-16
PRIOR FILING DATE: 2001-07-16
PRIOR FILING DATE: 2001-07-16
PRIOR FILING DATE: 2001-07-16
PRIOR PELING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: US 60/331,285
PRIOR PELING DATE: 2001-11-13
PRIOR FILING DATE: 2001-12-19
PRIOR FILING DATE: 2001-12-19
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Sequence 1, Application US/09242772

Publication No. US20020009720A1

GENERAL INFORMATION:

APPLICATION VIASAME INTERNATION: PLAG gene family and tumorigenesis

TITLE OF INVENTION: PLAG gene family and tumorigenesis

FILE REFERENCE: VIB-011-US

CURRENT APPLICATION NUMBER: US/09/242,772

CURRENT FILING DATE: 1999-06-25

PRIOR APPLICATION NUMBER: EP 9520229.6

PRIOR PILING DATE: 1996-08-22

PRIOR PLING DATE: 1997-01-17

SEQ ID NOS: 139

SOFTWARE: PatentIn Version 3.1

LENGTH: 17
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2313 ACCTCGTGATCCGCCCACCTCG 2334
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                                                                      22 Accreardarceaccecred 1
                                                                                                                                                                                                                                              Sequence 24, Application US/10483958
Publication No. US20040254363A1
GENERAL INFORMATION:
APPLICANT: PRICE FOUNDATION LIMITED
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ORGANISM: Artificial Sequence
FEATURE:
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US-09-242-772-1/c
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W3-10-156-306-574

Sequence 574, Application US/10156306

Sequence 574, Application Ws/10156306

PUBLication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Envels of IKK-Gamma and PKR

TITLE OF INVENTION: Levels of IKK-Gamma and PKR

FILE REPRENCE: MBH801-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: Patentin version 3.0

SEQ ID NO 574

LENGTH: 17
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100.0%; Pred. No. 1.2e+03;
tive 0; Mismatches 0; Indels
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                                                                                                      Length 17;
                                                                                                      DB 1; Le. 1.2e+03;
                                                                                                                                                                                                                                                                                                                                                US-09-902-214-75

Sequence 75, Application US/09902214

Publication No. US20030104521A1

GENERAL INFORMATION:

APPLICANT: Whittaker, Paul Andrew

TITLE OF INVENTION: Disease-Associated Gene

FILE REFERENCE: 4-31503A/H031

CURRENT APPLICATION WUMBER: US/09/902,214

CURRENT FILING DATE: 2001-07-10

NUMBER OF SEQ ID NOS: 84

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 75

LENGTH: 17
                                                                                                 Query Match

Query Match

Dest Local Similarity 100.0%; Pred. No. 1.2

Matches 17; Conservative 0; Mismatches
) NAME/KEY: misc feature
; OTHER INFORMATION: sense primer alu PCR
US-09-242-772-1
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US-10-156-306-1672
; Sequence 1672, Application US/10156306
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Best Local Similarity 100.(
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-574
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Exymatic Nucleic Acid Treatment of Diseases or Conditions Relat
TITLE OF INVENTION: Levels of IXK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
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Sequence 1715, Application US/10156306
Sequence 1715, Application US/10156306
Sequence 1715, Application US/10156306
Sequence 1715, Sequence 1715, Sequence 1715, Sequence 1715, Sequence 1715, Sequence 1716.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Levels of IKK-Gamma and PKR.
TITLE OF INVENTION NUMBER: US/10/156,306
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1715
LENGTH: 17
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                                                                   Length 17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 17; DB 1; I Pred. No. 1.2e+03;
                                                                Query Match 0.7%; Score 17; DB 1; I Best Local Similarity 82.4%; Pred. No. 1.2e+03; Matches 14; Conservative 3; Mismatches 0.
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                                                                                                                                                                            2330 CCTCGGCCTCCCAAAGT 2346
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Best Local Similarity 82.4%;
                                                                                                                   14; Conservative
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US-10-156-306-1714
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              US-10-156-306-1713
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Publication No. US20030119017A1
GENERAL INPORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MeHBOL-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQUENCE: Manual APPLICATION OF SEQ ID NOS: 8013
Publication No. US20030119017A1
GENERAL INPOWATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REPERBNCE: MeHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 1672
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Le64-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOPTWARE: PatentIn version 3.0
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1 CUCCUGCCUCAGCCUCC 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 12; Conservative
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; ORGANISM: Homo sapiens
US-10-156-306-1672
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ORGANISM: Homo sapiens
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US-10-156-306-1673
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Best Local Similarity
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US-10-156-306-1673
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US-10-156-306-1713
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Sequence 2416, Application US/10156306
Publication No. US20030119017A1
Fublication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: MCSWiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
LENGTH: 17
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Pred. No. 1.2e+03;
3; Mismatches 0; Indels
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             Length 17;
                                                       0; Indels
           Score 17; DB 1; I Pred. No. 1.2e+03;
                                                       5; Mismatches
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US-10-156-306-3796
Sequence 3796, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
                                                                                                  2187 ATTCTCCTGCCTCAGCC 2203
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                                                                                                                       1 CUCCCAAAGUGCUGGGA 17
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Best Local Similarity 76.5%;
Matches 13; Conservative
         Query Match
Best Local Similarity 70.6%;
Matches 12; Conservative
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Best Local Similarity 82.4%;
Matches 14; Conservative
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; ORGANISM: Homo sapiens
US-10-156-306-2416
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CORGANISM: Homo sapiens
US-10-156-306-2417
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 176
LENGTH: 17
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSWiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REPRENEUR: MHBMD1-664-M (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1717
LENGTH: 17
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PACENTIN version 3.0
SEQ ID NO 2399
LENGTH: 17
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                                                                                                                                                                                                                                                   TYPE: RNA
ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1717
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US-10-156-306-2399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 1133
US-10-156-306-1717
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Sequence 10, Application US/10255434

Publication No. US20030129626A1

GENERAL INFORMATION:
APPLICANT: Wielsen, Kirsten, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Bethods, Kits And Compositions Pertaining To The
TITLE OF INVENTION: Bethods, Kits And Compositions Pertaining To APPLICANT: WILLS OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFRENCE: BPOLOI-US
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT FILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26

SOFTWARE: PatentIn Ver. 2.1

SEQ ID NO 10

LENGTH: 17
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| Sequence 22, Application US/10255434
| Sequence 22, Application US/10255434
| Publication No. US2003012962641
| GENERAL INPORMATION:
| APPLICANT: Nielsen, Kirsten V.
| APPLICANT: Williams, Brett. F.
| TITLE OF INVENTION: Suppression of Detectable Probe Binding To The TITLE OF INVENTION: Suppression of Detectable Probe Binding To Randomly TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid FILE REPERENCE: BP0101-US
| CURRENT PLLING DATE: 2002-09-24
| NUMBER OF SEQ ID NOS: 26
| SOFTWARE: Patentin Ver. 2.1
| SEQ ID NO 22
| LENGTH: 17
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                                                                     Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe; OTHER INFORMATION: Sequence
US-10-255-434-10
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     0.7%; Score 17; DB 1; Length 17; 76.5%; Pred. No. 1.2e+03; tive 4; Mismatches 0; Indels
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                                                                                                                      2344 AGTGCTGGGATTACAGG 2360
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ORGANISM: Artificial Sequence
                                                               13; Conservative
                         Best Local Similarity
Matches 13; Conserva
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           Query Match
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                       APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REPERENCE: MBHB01-664-A (400/050)
FILE REPERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PATENTIN version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 3797, Application US/10156306
Publication No: US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
LENGTH: 17
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Pred. No. 1.2e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 4; Mismatches
APPLICANT: Ribozyme Pharmaceuticals, Inc. APPLICANT: McSwiggen, James
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Publication No. US20030119017A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.7%;
Best Local Similarity 76.5%;
Matches 13; Conservative
                                                                                                                                                                                                                                                                                                      TYPE: RNA
CORGANISM: Homo sapiens
US-10-156-306-3796
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US-10-156-306-3797
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; ORGANISM: Homo sapiens
US-10-156-306-3798
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Sequence 155, Application US/09863806
Publication No. US20020197608A1
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DETECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Bertram, Lars
APPLICANT: Saunders, Aleister J.
APPLICANT: Sanders, Aleister J.
APPLICANT: Mullin, Kandraw Johnson
APPLICANT: Sampson, Andraw Johnson
APPLICANT: Blacker, Deborah Lynne
TITLE OF INVENTION: GENES AND POLYMORPHISMS ON CHROMOSOME 10
TITLE OF INVENTION: ASSOCIATED WITH ALZHRIMER'S DISEASE AND OTHER
TITLE OF INVENTION: NEURODEGENERATIVE DISEASES
FILE REPRENSICE: 3481-3308
CURRENT APPLICATION NUMBER: US/10/282,174
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STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
STATE: CA
COUNTRY: USA
ZIP: 92037
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CURRENT FILING DATE: 2002-10-25

PRIOR APPLICATION NUMBER: US 60/339,525

PRIOR FILING DATE: 2001-10-25

PRIOR FILING DATE: 2001-10-25

PRIOR FILING DATE: 2001-11-08

PRIOR FILING DATE: 2001-11-08

PRIOR FILING DATE: 2001-11-08

PRIOR FILING DATE: 2001-11-08

PRIOR FILING DATE: 2001-11-09

PRIOR FILING DATE: 2001-11-09

PRIOR FILING DATE: 2001-11-09

PRIOR FILING DATE: 2001-12-04

PRIOR FILING DATE: 2001-12-04

PRIOR FILING DATE: 2001-12-04

PRIOR FILING DATE: 2002-03-28

NUMBER OF SEQ ID NOS: 564

SEQ ID NO 135

LENGTHARE: FRALESEQ FOR WINDOWS VERSION 4.0

SEQ ID NO 135
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                                                                                                                                   RESULT 1194
(S-10-282-174-135
) Sequence 135, Application US/10282174
) Publication No. US20030224380A1
) GENERAL INFORMATION:
) APPLICANT: Becker, Kenneth David
) APPLICANT: Velicelebi, Gonul
) APPLICANT: Bliot, Kathryn J.

APPLICANT: Mang, Xin
APPLICANT: Wang, Xin
       2189 TCTCCTGCCTCAGCCTCC 2206
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Best Local Similarity 100.0
Matches 17; Conservative
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                                                                                                                                                                                                                                                              Sequence 391, Application US/10339782
Publication No. US20030166026A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Lynx Therapeutics, Inc.
APPLICANT: Goodman, Laurie J
APPLICANT: Bowen, Leniamin A
TITLE OF INVENTION: Indentification of Specific Biomarkers for Breast Cancer Cells
FILE REFERENCE: 37-000110US
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 495
SOFTWARE: PatentIn version 3.1
LENGTH: 17
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OTHER INFORMATION: Each nucleobase may be part of a ribonucleotide,
OTHER INFORMATION: deoxyribonucleotide, or nucleotide analog
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Publication No. US20030190659A1
GENERAL INFORMATION:
APPLICANT: LaCases, Eric
APPLICANT: Durkin, Jonathan P.
TITLE OF INVENTION: Antisense IAP Nucleobase Oligomers and
TITLE OF INVENTION: Uses Thereof
FILE REFERENCE: 07891/025004
CURRENT APPLICATION NUMBER: US/10/400,382
CURRENT FILING DATE: 2003-03-27
PRIOR FILING DATE: 2003-03-27
PRIOR FILING DATE: 2002-03-27
0.7%; Score 17; DB 1; Length 17;
100.0%; Pred. No. 1.2e+03;
ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0.7%; Score 17; DB 1; Length 17;
100.0%; Pred. No. 1.2e+03;
tive 0; Mismatches 0; Indels
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SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 164
LENGTH: 19
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                                                                                                    2191 TCCTGCCTCAGCCTCCC 2207
                                                                                                                                1 TCCTGCCTCAGCCTCCC 17
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; LOCATION: 8
; OTHER INFORMATION: n = T or
US-10-400-382-164
                         Best Local Similarity 100.
Matches 17; Conservative
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Matches 17; Conservative
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CORGANISM: Homo sapiens
US-10-339-782-391
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US-10-339-782-391
     Query Match
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2340 CCAAAGTGCTGGGATTA 2356
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Best Local Similarity 100.0
Matches 17; Conservative
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APPLICANT: Castellani, Lawrence W.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Charterjee, Aurobindo
APPLICANT: Obmen, Jefer
APPLICANT: Obmen, Jeff
APPLICANT: Tafuri, Sherrie
APPLICANT: Tafuri, Sherrie
APPLICANT: Wu, Chenyan
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
TILE REFERENCE: 02810.0014.NPUS02
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR PLILING DATE: 2001-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Indels
               MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FastSED for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION UNBER: US/09/863,806
FILING DATE: 22-May-2001
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
FILING DATE: CURKNOWN-
APPLICATION NUMBER: 09/038,637
FILING DATE: 12-NOV-1993
                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/146001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEPHONE: 619/678-5070
TELEPAK: 619/678-5070
TELEPAK: 619/678-5070
TELEPAK: 619/678-5070
TELEPAK: 619/678-5070
TELEPAK: 619/678-5070
TELEPAK: 619/678-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.7%; Score 17; DB 1; Le Best Local Similarity 100.0%; Pred. No. 1.2e+03; Matches 17; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 155:
US-09-863-806-155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 209, Application US/09949427
Publication No. US20030054418A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; OTHER INFORMATION: Synthetic Primer US-09-949-427-209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2125 AGGCTGGAGTGCAGTGG 2141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                20 AGGCTGGAGTGCAGTGG 4
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COMPUTER READABLE FORM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          SEQ ID NO 209
LENGTH: 20
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APPLICANT: Castellani, Lawrence W. APPLICANT: Castellani, Lawrence W. APPLICANT: Castellani, Lawrence W. APPLICANT: Castellani, Lawrence W. APPLICANT: Castellani, Lawrence W. APPLICANT: Chart of Jong, Pieter APPLICANT: Lusis, Aldons J. APPLICANT: David APPLICANT: Observing APPLICANT: Tafuri, Sherrie APPLICANT: Tafuri, Sherrie APPLICANT: Tafuri, Sherrie APPLICANT: W. Chenyan TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder FILE REPERENCE: 02810.0014.NPUS01
CURRENT APPLICATION NUMBER: US/09/949,428
CURRENT PILING DATE: 2000-09-07
PRIOR FILING DATE: 2000-09-08
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; Sequence 94, Application US/10181177
; Publication No. US20030083296A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Hong Zhang
; TITLE OF INVENTION ANTISENSE MODULATION OF CASPASE 8 EXPRESSION
; TITLE OF INVENTION NUMBER: US/10/181,177
; CURRENT APPLICATION NUMBER: US/10/181,177
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 09/487,445
; PRIOR APPLICATION NUMBER: 09/487,445
; PRIOR APPLICATION NUMBER: 109/487,445
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 94
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.7%; Score 17; DB 1; Length 20; 100.0%; Pred. No. 1.2e+03; tive 0; Mismatches 0; Indels
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                                                                                                                                 ; Sequence 209, Application US/09949428
; Publication No. US20030064372A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) OTHER INFORMATION: Synthetic Primer US-09-949-428-209
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2340 CCAAAGTGCTGGGATTA 2356
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CCAAAGTGCTGGGATTA 20
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 405
SOFTWARE: Patentin version 3.1
SEQ ID NO 209
LENGTH: 20
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ASCULATE OF 1225/C

Sequence 1225, Application US/10671395

Sequence 1225, Application US/10671395

Sequence 1225, Application US/0040132063A1

SENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glerse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ANTISENSE US/10/671,395

TITLE OF INVENTION WUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE PALEARLIN VERSION 3.2

LENGTH: 20

LENGTH: 20
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Sequence 20620, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: I,u, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: 01896-023000 (AMI01331L.)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin Version 3.2
SEQ ID NO 20620
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                                                                                                                                                                                                                                                                                                Length 20;
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                                                                                                                                                                                                                                                                                                                                               0; Indels
                                                                                                                                                                                                                                                                                              DB 1; Le
                                                                                                                                                                                                                                                                                              Query Match 0.7%; Score 17; DB Best Local Similarity 100.0%; Pred. No. 1.2 Matches 17; Conservative 0; Mismatches
    TITLE OF INVENTION: EXPRESSION
FILE REPRENCE: FYS-0.29
CURRENT APPLICATION NUMBER: US/10/159,834
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 130
SEQ ID NO 126
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE: OTHER INFORMATION: Human PGE2 antisense
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                                                                                                                                                                                              ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: artificial
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US-10-786-720-20620
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                                                                                                                                                                                                                                               US-10-159-834-126
                                                                                                                                                                               TYPE: DNA
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US-10-159-814-126
US-10-159-814-126
; Publication No. US20030228688A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-159-834-73/c

Sequence 73, Application US/10159834

Sequence 73, Application US/10159834

Publication No. US20030228688A1

GENERAL INFORMATION:

TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER

TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER

TITLE OF INVENTION: ANTISENSE WOULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFER

TITLE OF INVENTION: ANTISENSE NO. 120,10/159,834

CURRENT APPLICATION NUMBER: US/10/159,834

CURRENT FILING DATE: 2002-05-31

NUMBER OF SEQ ID NOS: 130

SEQ ID NO 73

LENGTH: 20
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OTHER INFORMATION: primer that hybridizes to the human MATN3 gene
US-10-351-951-75
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0.7%; Score 17; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0; Indels
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                                                                                                                                                                                                            APPLICANT: Stefanson, Stefan E.
TITLE OF INVENTION: GENE LINKED TO OSTEOARTHRITIS
FILE REFERENCE: 2345.043-004
CURRENT PEPLICATION NUMBER: U5/10/351,951
CURRENT FILING DATE: 2003.01-24
PRIOR APPLICATION NUMBER: 10/057,312
PRIOR APPLICATION NUMBER: 60/431,538
PRIOR PILING DATE: 2002-12-05
NUMBER OF SEQ ID NOS: 132
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 55
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PEATURE:
COTHER INFORMATION: Antisense Oligonucleotide
US-10-159-834-73
                                                                                                                    US-10-351-951-75; Sequence 75, Application US/10351951; Publication No. US20030203380A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2151 GCTCACTGCAAGCTCTG 2167
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
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20 AGGCTGGAGTGCAGTGG
                                                                                                                                                                                           GENERAL INFORMATION
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Sequence 25, Application US/09923517
; Publication No. US2020039741A1
; GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
APPLICANT: Nicholas M. Dean; Robert A. McKay; Loren J.
TITLE OF INVENTION: Antisense Oligonucleotide
Compositions and Methods for the Modulation of Activating Protein 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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Sequence 26, Application US/09752983
Patent No. US20010016575A1
GENERAL INFORMATION:
APPLICANT: LOTEN J. Miraglia, Pamela Nero, Mark J.
APPLICANT: Graham, Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF HUMAN MDM2
TITLE OF INVENTION: EXPRESSION
CORRESPONDENCE ADDRESSS:
ADDRESSEE: Law Offices of Jane Massey Licata
STREET: G. East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ZIP: 08053
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
                                                                                                                                                                                                                                                                                                                                    COUNTRY: U.S.A.
ZIP: 08053
COMPUTER READBLE FORM:
MEDIUM TYBE: DISKETTE, 3.5 INCH, 1.44 MD STORAGE
COMPUTER: IBM PC
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDERFECT 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,983
FILING DATE: 02-Jan-2001
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/280,805
FILING DATE: CURRIOWIN-
ATTORIEY/AGENT INFORMATION:
ATTORIEY/AGENT INFORMATION:
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STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1695 TTTACATGTGCAAAGAAGCT 1714
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        NAME: Licata, Jane Massey
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISI
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-810-1515
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PS/2
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CORRESPONDENCE ADDRESS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 609-810-1454
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity 90.0 Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 20 base pairs
TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Marlton
STATE: NJ
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           to TOPOLOGY: Linear
HANTI-SENSE: No
US-09-752-983-26
                                                                                                                                                                                                                                                                                          CITY: Marlton
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RESULT 1157
US-09-923-517-25
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                                                                                                                                                                                                                                                                                                                            Sequence 20626, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Win, Weil
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM.01331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SOFTWARE: PatentIn version 3.2
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 20628, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'TOOLE, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
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                                                                                                              Gaps
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                                                    Query Match 0.7%; Score 17; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 1.2e+03; Matches 17; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.7%; Score 17; DB 1; Length 21; Best Local Similarity 100.0%; Pred. No. 1.2e+03; Matches 17; Conservative 0; Mismatches 0; Indels
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0.7%; Score 17; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.2e+03;
Matches 17; Conservative 0; Mismatches 0;
                                                                                                                                                         2355 TACAGGCATGAGCCACC 2371
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CRGANISM: RNAi-antisense strand
US-10-786-720-20628
                                                                                                                                                                                      1 TACAGGCATGAGCCACC 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; ORGANISM: Homo sapiens
US-10-786-720-20626
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-786-720-20628/c
                                                                                                                                                                                                                                                                                  RESULT 1154
US-10-786-720-20626
  US-10-786-720-20620
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LENGTH: 21
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APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: ROOP, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
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  TITLE OF INVENTION: NOVEL IMMUNOGLOBIN SUPERFAMILY MEMBERS APEX-1, APEX-2, TITLE OF INVENTION: AND APEX-3 AND USES THEREOF FILE REFERENCE: DB13NP CURRENT APPLICATION NUMBER: US/09/745,605 PRIOR PILING DATE: 2000-12-22 PRIOR APPLICATION NUMBER: 60/172,025 PRIOR PILING DATE: 1999-12-23 NUMBER OF SEQ ID NOS: 44 SOFTWARE: Patentin Ver. 2.0 SEQ ID NO 16 LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Gaps
                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Description of Artificial Sequence: JNF14 PRIMER
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                                                                                                                                                                                                                                                                                                                                                                                      Ouery Match 0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Ploppy disk
COMPUTER: PLOPPY disk
OPERALING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           E: Seed and Berry LLP
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 1091, Application US/09263959; Patent No. US20020150891A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2350 GGGATTACAGGCATGAGCCA 2369
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ATTORNEY AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 92001
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 1091:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          20 GGGATTACAGGTGTGAGCCA 1
                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STREET: 6300 CC
CITY: Seattle
STATE: Washingt
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US-09-263-959-1091
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US-09-263-959-1091
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Patent No. US2002008228A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
FILE REFERENCE: ISPH-0544

CURRENT APPLICATION NUMBER: US/09/800,631

CURRENT FILING DATE: 2001-03-07

PRIOR PILING DATE: 2000-09-07
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2; Indels
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Pred. No. 1.2e+03;
0; Mismatches 2;
                                                                                                                                                                                                                          NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMUNICATION INFORMATION:
TELEPHONE: (609) 810-1515
TELEPACE (609) 810-1515
INFORMATION FOR SEQ ID NO: 25:
LENGTH: 20
                                       CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/923,517
FILING DATE: 07-Aug-2001
CLASSIFICATION: «Unknown»
PRIOR APPLICATION DATA:
APPLICATION DATE: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-09-800-631-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEQUENCE DESCRIPTION: SEQ ID NO: 25:
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2326 CCCACCTCGGCCTCCCAAAG 2345
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Sequence 16, Application US/09745605; Patent No. US20020123617A1
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STRANDEDNESS: Single
TOPOLOGY: Linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 90.0%;
Matches 18; Conservative C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
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APPLICANT: Starling, Gary C.
APPLICANT: Finger, Joshua N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 90.0
Matches 18; Conservative
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SEQ ID NO 24
LENGTH: 20
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US-09-800-631-24/c
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Sequence 135, Application US/09863806
Publication No. US20020197608A1
GENERAL INFORMATION:
APPLICANT: Sidransky, David
TITLE OF INVENTION: DEFECTION OF NEOPLASIM BY ANALYSIS OF SALIVA
NUMBER OF SEQUENCES: 195
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Gaps
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OPERATING SYSTEM: WINDOWS FOR WORKGROUPS
SOFTWARE: WORDFREFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/851,771A
FILING DATE: 09-May-2001
CLASSIFICATION: -(UNKnown)
PRIOR APPLICATION: -(UNKnown)
PRIOR APPLICATION NUMBER: 09/048,810
FILING DATE: 1998-03-26
ATTORNEY/ACENT INFORMATION:
NAME: Licata, Jane Massey
REFERENCE/DOCKET NUMBER: 32,257
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows 95
SOFTWARE: FRASESO for Windows Version 2.0b
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Fish & Richardson P.C.
STREET: 4225 Executive Square, Suite 1400
CITY: La Jolla
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 16.8; DB 1;
Pred. No. 1.2e+03;
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APPLICATION NUMBER: US/09/863,806
FILING DATE: 22-May-2001
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/038,637
FILING DATE: CURROWN>
APPLICATION NUMBER: 08/152,313
FILING DATE: 12-NOV-1993
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0.7%; Score 16.8; D
Best Local Similarity 90.0%; Pred. No. 1.2e
Matches 18; Conservative 0; Mismatches
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US-09-851-771A-26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1695 TTTACATGTGCAAAGAAGCT 1714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REFERENCE/DOCKET NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELECOMMUNICATION INFORMATION TELEPHONE: 619/678-5070
                                                                                                                                                                                                                                                                                                                                  TELEPHONE: 609-779-2400
                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 20 base pairs
                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 609-810-1454
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TTTACATGTATAAAGAAGCT
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: Nucleic Acid
STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 INFORMATION FOR SEQ ID NO: 135
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                             INFORMATION FOR SEQ ID NO: 26 SEQUENCE CHARACTERISTICS
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COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ANTI-SENSE: No
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                                                                                                                   APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Rowen, Lee
APPLICANT: Roop Bon F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Reverting
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 16.8; DB 1; Length 20; Pred. No. 1.2e+03;
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM 486
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
CURSIFICATION:
                                                                                                                                                                                                                                                                                                                             E: Seed and Berry LLP
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ATTORNEY AGENT INFORMATION:
NAME: MCMASters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 33,963
TELECOMMUNICATION INFORMATION:
TELEFAM: (206) 622-4900
TELEFAM: (206) 682-6031
INFORMATION FOR SEQ ID No: 1214:
SEQUENCE CHARACTERISTICS:
LEMOTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                              Sequence 1214, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: HOOG, Leroy E.
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  1 AGGGCTAGGATTACAGGCAT 20
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Best Local Similarity 90.0%;
Matches 18; Conservative
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CORRESPONDENCE ADDRESS
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                                                                                                                                                                                                                                                                                                                                                                                                Washington
: US
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CITY: Seattle
STATE: Washingt
COUNTRY: US
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US-10-181-177-95
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US-05-920-671-81
Sequence 81, Application US/09920671
Fublication No. US20030083283A1
FUBLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
TITLE NO INVENTION: ANTISENSE MODULATION OF COREST EXPRESSION
FILE REPERENCE: RTS-0297
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 91
LENGTH: 20
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                                                                                                       Query Match 0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
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) OTHER INFORMATION: oligonucleotide AS2M2

US-09-541-848-25
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Ouery Match

Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-671-81
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-09-863-806-135
                                                                                                                                                               2110 CTTGCTCTGTTACCCAGGCT 2129
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                                                                                                                                                                                      20 CTTGCTTTGTCACCCAGGCT 1
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US-09-541-848-25/c
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RESULT 1166
US-09-908-147-94/C
US-09-908-147-94/C
Sequence 94, Application US/09908147
Publication No. US20030144221A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
FILLE REPRENCE: RTS-0185
CURRENT APPLICATION NUMBER: US/09/908,147
CURRENT PILING DATE: 2001-07-17
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 94
LENGTH: 20
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| Sequence 95, Application US/10181177 |
| Publication No. US20030083296A1 |
| GENERAL INFORMATION: |
| APPLICANT: Hong Zhang |
| APPLICANT: Hong Zhang |
| APPLICANT: Lex M. COMMENT: |
| TITLE OF INVERTION: ANTISENSE MODULATION OF CASPASE 8 EXPRESSION |
| FILE REFERENCE: RISP-0334 |
| CURRENT APPLICATION NUMBER: US/10/181,177 |
| CURRENT PILING DATE: 2002-07-12 |
| PRIOR PILING DATE: 2001-01-11 |
| PRIOR PILING DATE: 2001-01-11 |
| PRIOR PILING DATE: 2001-01-19 |
| NUMBER: OF SEQ ID NOS: 176 |
| SEQ ID NO 95 |
| LENGTH: 20
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                                                       2; Indels
Score 16.8; DB 1;
Pred. No. 1.2e+03;
0; Mismatches 2;
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Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Antisense Oligonucleotide US-09-908-147-94
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Antisense Oligonucleotide
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                                                                                                       675 GTGAGTGAGAACAGGTGTCA 694
                                                                                                                                            20 GTGAGTAAGAACAAGTGTCA 1
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       Query Match
Best Local Similarity 90.0%;
Matches 18; Conservative
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ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 18; Conserv
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                                                                                                                                                                                          Length 20;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TITLE OF INVENTION: Antisense Modulation of mdm2 expression. FILE REFERENCE: ISPH-0622
CURRENT APPLICATION UNMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PLILOR DATE: 1999-03-26
PRIOR PLILOR DATE: US 09/280,805
PRIOR PLILING DATE: US 09/280,805
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
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Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2;
                                                                                                                                                                                          Score 16.8; DB 1;
Pred. No. 1.2e+03;
                                                                                                                                                                       0.7%; Scc...
90.0%; Pred. No. 1....
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                                                                                             ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 25:
US-10-430-196-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 26
LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
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                                                                                                                                                                                                                                                                                2326 CCCACCTCGCCTCCCAAAG 2345
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         1695 TTTACATGTGCAAAGAAGCT 1714
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 26, Application US/10005344; Publication No. US20030203862A1; GENERAL INFORMATION:
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                        TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
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APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
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Mark J. Graham
Brett P. Monia
Erich Koller
MingYi Chiang
Mano Manoharan
                                                                                                                                                                                     Query Match
Best Local Similarity 90.0
Matches 18; Conservative
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    LENGTH: 20
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    Sequence 24, Application US/10293783

Sequelication No. US20030130222A1

GENERAL INFORMATION:

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: WINSERING MUMBER: US/10/293,783

CURRENT APPLICATION NUMBER: US/10/293,783

CURRENT FILING DATE: 2001-11-13

PRIOR PPLICATION NUMBER: US/09/800,631

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR APPLICATION NUMBER: US/09/657,346

PRIOR PELING DATE: 2000-09-07

NUMBER OF SEQ ID NOS: 175

LENGTH: 20
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Miraglia; Brenda F. Baker
TITLE OF INVENTION: Antisense Oligonucleotide
Activating Protein 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 20;
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COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB STORAGE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES: 139
CORRESPONDENCE ADAM Offices of Jane Massey Licata
STREET: 66 East Main Street
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match

0.7%; Score 16.8; DB 1;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER: IBM PS/2
COMPUTER: IBM PS/2
OPERATING SYSTEM: WINDOWS 95
SOFTWARE: WORDPERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/430,196
FILING DATE: 05-May-2003
CLASSIPICATION: «Unknown>
PRIOR APPLICATION NUMBER: US/09/923,517A
APPLICATION NUMBER: US/09/923,517A
APPLICATION NUMBER: 09/364,416
FILING DATE: 1999-07-30
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0209
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         , OTHER INFORMATION: AntiBense Oligonucleotide US-10-293-783-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TELEPHONE: (609) 810-1515
TELEFAX: (609) 810-1515
INFORMATION FOR SEQ ID NO: 25:
SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 25, Application US/10430196
Publication No. US20030194738A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: NJ
COUNTRY: USA
US-10-293-783-24/c
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  ; TITLE OF INVENTION: Antisense Modulation of mdm2 expression.; TITLE REPERENCE: 1SPH-0622
; CURRENT APPLICATION NUMBER: US/10/005,344
; CURRENT FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: US 09/048,810
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR APPLICATION NUMBER: US 09/280,805
; PRIOR APPLICATION NUMBER: US 09/280,805
; ROFTWARE: FactSEQ for Windows Version 4.0
; SEQ ID NO 333
; LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match 0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Loren O. Miraglia
APPLICANT: Loren Mark J. Graham
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Erich Koller
APPLICANT: Brich Koller
APPLICANT: MingYi Chlang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REPERENCE: LSPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-333
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-005-344-343
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PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
SLENGTH: 20
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; Sequence 352, Application US/10005344
; Publication No. US20030203862A1
; GENERAL INFORMATION:
; APPLICANT: Loren. J. Miraglia
; APPLICANT: Pamela Nero
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 343, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        771 TCTAGACCATCTACCTCATC 790
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FILE REFERENCE: ISPH-0622
CURRENT APPLICATION WHBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PSESEEE for Windows Version 4.0
SEQ ID NO 330
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-328
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PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PARLSEQ for Windows Version 4.0
SEQ ID NO 328
LENGTH::20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 330, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 333, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                              602 GAAATATATACCATGATCT 621
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Brich Koller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
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US-10-005-344-330/c
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Sequence 70, Application US/10148355A
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                  APPLICANT: Erich Koliel
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
ITILE OF INVENTION: Antiense Modulation of mdm2 expression.
ITILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT PILING DATE: 2001-12-04
PRIOR PILING DATE: 1998-03-26
PRIOR PILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
IENGTH: 20
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APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Mark J. Graham
APPLICANT: Mark J. Graham
APPLICANT: Brich Koller
APPLICANT: Mingyl Chiang
APPLICANT: Mingyl Chiang
APPLICANT: Mano Manoharan
TILE OF INVENTION: Antisense Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR PILING DATE: 1998-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-354
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Publication No. US20030203862A1
GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
                Brett P. Monia
Erich Koller
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US-10-005-344-354/c
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LENGTH: 20
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US-10-148-355A-70/c

RESULT 1177

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US-10-148-355A-72/c

Sequence 72, Application US/10148355A

Publication No. US20030207831A1

GENERAL INFORMATION:

APPLICANT: Brett P. Monia

APPLICANT: ISIS PHARMACEUTICALS, INC.

TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2

TITLE OF INVENTION: BXPRESSION

TITLE OF INVENTION: BXPRESSION

FILE REPERENCE: RYSP-0082

CURRENT APPLICATION NUMBER: US/10/148,355A

CURRENT FILING DATE: 2002-09-30

PRIOR PAPLICATION NUMBER: 09/467,642

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 72

LENGTH: 20
PUBLICATION NO. US20030207831A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: BERY
APPLICANT: ISIS PHARMACEUTICALS, INC.
APPLICANT: ISIS PHARMACEUTICALS, INC.
TITLE OF INVENTION: ANTISENSE MODULATION OF TELOMERIC REPEAT BINDING FACTOR 2
TITLE OF INVENTION: ANTISENSE NOTION ANTISENS CURRENT APPLICATION NUMBER: US/10/148,355A
CURRENT APPLICATION NUMBER: 09/467,642
FRIOR FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 70
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Indels
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Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 OTHER INFORMATION: Antisense Oligonucleotide US-10-148-355A-70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Antisense Oligonucleotide
US-10-148-355A-72
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; Sequence 73, Application US/10181875
; Publication No. US20030216333A1
; GENERAL INPORMATION:
; APPLICANT: IS18 Pharmaceuticals, Inc.
; APPLICANT: Rect P. Monia
; APPLICANT: Robert McKay
; APPLICANT: Madeline M. Butler
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2323 CCGCCCACCTCGGCCTCCCA 2342
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Matches 18, Conservative
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TITLE OF INVENTION: GENERATION OF OLIGONUCLECTIDES FOR GENE MODULATION FILE REFRENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SEQ ID NO 672
LENGTH: 20
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Publication No. US20040014051A1

GENERAL INFORMATION:
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
FILE REFERENCE: PTS-0017
CURRENT APPLICATION UNMBER: US/10/199,676
CURRENT APPLICATION UNMBER: US/10/199,676
NUMBER OF SEQ ID NOS: 84

SEQ ID NO 38
IENGTH: 20
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Publication No. US20040002152A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF P2X4 EXPRESSION
FILE REFERENCE: RTS-0379
CURRENT APPLICATION NUMBER: US/10/187,659A
CURRENT FILING DATE: 2002-07-01
SEQ ID NOS: 143
LENGTH: 20
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0.7%; Score 16.8; DB 1;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2;
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-676-38
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense Oligonucleotide US-10-388-263-672
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        OTHER INFORMATION: Antisense Oligonucleotide
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Best Local Similarity
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rnpb.1

TITLE OF INVENTION. ANTIERNSE MODULATION OF GLYCOGEN SYNTHASE KINASE 3 ALPHA EXPRESS1

FILE REPERENCE: RTSP-0356

CURRENT APPLICATION NUMBER: US/10/181,875

CURRENT FILING DATE: 2002-07-22

FRIOR FILING DATE: 2000-01-21

NUMBER OF SEQ ID NOS: 88

LENGTH: 20

TYPE

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Publication No. US20030219810A1

GENERAL INFORMATION:

APPLICANT: Barnes, Glenn T.

APPLICANT: Barnes, Glenn T.

TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN CARD4 GENE
FILE REFERENCE: MPIO2-04.121RNM

CURRENT FILING DATE: 2003-03-27

PRIOR PILING DATE: 2003-03-27

NUMBER OF SEQ ID NOS: 121

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO 5

LENGTH: 20
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Borchers, Alexander
Vickers, Timethy A.
Vickerin IDENTIFICATION OF GENETIC TARGETS FOR
VENTION: IDENTIFICATION BY OLIGONUCLEOTIDES AND
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 1;
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Pred. No. 1.2e+03;
0; Mismatches 2,
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COTHER INFORMATION: Antisense Oligonucleotide
US-10-181-875-73
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Publication No. US20030228597A1
APPLICANT: Cowsert, Lex M.
APPLICANT: Baker, Brenda F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2346 TGCTGGGATTACAGGCATGA 2365
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Best Local Similarity 90.0%;
Matches 18; Conservative (
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Cara
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Sasmor, Henri M.
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Matches 18; Conservative
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APPLICANT: Vickers,
TITLE OF INVENTION: I
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US-10-388-263-672/c
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US-10-401-194-5
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TITLE OF INVENTION: GENE ASSAY METHOD FOR PREDICTING GLAUCOMA ONSET RISK FILE REPERENCE: Q76319
CURRENT APPLICATION NUMBER: US/10/627,757
CURRENT FILING DATE: 2003-07-28
PRIOR APPLICATION NUMBER: JP P2002-226612
PRIOR FILING DATE: 2002-08-02
NUMBER OF SEQ ID NOS: 40
SOFTWARE: Patentin version 3:1
SEQ ID NO 19
LENGTH: 20
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF PPAR BINDING PROTEIN EXPRESSION
FILE REFERENCE: RTS-043
CURRENT APPLICATION NUMBER: US/10/304,107
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 148
SEQ ID NO 81
LENGTH: 20
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Sequence 19, Application US/10300424;
Publication No. US2004009683SA1;
GENERAL INFORMATION:
TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION;
TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION;
CURRENT APPLICATION NUMBER: US/10/300,424;
CURRENT PILING DATE: 2002-11-19;
NUMBER OF SEQ ID NOS: 129;
LENGTH: 20
                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Designed DNA based on OPIN gene US-10-627-757-19
                                                                                                                                                                                                                                                                                                                                                           Score 16.8; DB 1;
Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
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90.0%; Pred. No. 1...
0; Mismatches
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90.0%; Pred. No. 1...
0; Mismatches
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; Sequence 81, Application US/10304107

; Publication No. US20040101855A1

; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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    TAKAHATI TAKAYUKI
                                                                                                                                                                                                                                                                                                                                                                                                  18; Conservative
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Best Local Similarity 90.0
Matches 18; Conservative
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Best Local Similarity
                                                                                                                                                                                                                                                     ORGANISM: Artificial
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                                                                                                                                                                                                                                    TYPE: DNA
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Sequence 94, Application US/10728509
Publication No. US20040077583A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
FILE REFERENCE: RTS-0185
CURRENT APPLICATION NUMBER: US/10/728,509
CURRENT APPLICATION NUMBER: US/09/908,147
PRIOR APPLICATION NUMBER: US/09/908,147
NUMBER OF SEQ ID NOS: 168
SEQ ID NO 94
LENGTH: 20
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S-10-199-676-74/c
Sequence 74, Application US/10199676
Publication No. US20040014051A1
GENERAL INFORMATION:
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Vickie L. Brown-Driver
APPLICANT: Wenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF BREAST CANCER-1 EXPRESSION
FILE REFERENCE: PTS-0017
CURRENT PELLING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 84
    Gaps
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Pred. No. 1.2e+03;
0; Mismatches 2; Indels
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  2; Indels
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  0; Mismatches
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                                         2114 CTCTGTTACCCAGGCTGGAG 2133
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                                                                                1 crcrcrcccccadcrcas 20
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Best Local Similarity 90.05
Matches 18, Conservative
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Best Local Similarity 90.0
Matches 18; Conservative
  Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: H. sapiens
18;
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                                                                                                                                                                                                                                                                                                                                                                                                SEQ ID NO 74
                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
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Matches
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ORGANISM: H. sapiens
FEATURE:
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Best Local Similarity
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                                                                                                                                  TYPE: DNA
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Score 16.8; DB 1; Length 20;
Pred. No. 1.2e+03;
0; Mismatches 2; Indels
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; Publication No. US20040102395A1
; General Information:
; General Information:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TILLE OF INVENTION: WODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ 1D NOS: 156
                                                                                                                                                               RESULT 1189
US-10-303-325-83
US-10-303-325-83
Sequence 83, Application US/10303325
Publication No. US2004010235A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Wenneth W. Dobie
TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
FILE REPRENCE: FTS-0434
CURRENT APPLICATION NUMBER: US/10/303,325
CURRENT FILING DATE: 2002-11-22
NUMBER OF SEQ ID NOS: 156
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Antisense Oligonucleotide
                                                                          2267 AGAGACAGGGTTTCACCGTG 2286
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Publication No. US20040110139A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
                                                                                               1 AGAGACAGGGTTTTACCTTG 20
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 0.7%;
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ORGANISM: Artificial Sequence
                   Best Local Similarity 90.0 Matches 18; Conservative
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Matches 18, Conservative
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Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA ORGANISM: H. sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-315-474-88/C
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LENGTH: 20
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   Query Match
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APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR 3 EXPRESSION
FILE REFERENCE: RF3-038
FILE REFERENCE: RF3-038
CURRENT APPLICATION NUMBER: US/10/315,474
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 156
SEQ ID NO 88
LENGTH: 20
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Publication No. US20040110150A1
GENERAL INFORMATION:
APPLICANT: Erich Koller
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION MODULATION OF EPHRIN-B2 EXPRESSION
FILE REPERENCE: PTS-0057
CURRENT APPLICATION NUMBER: US/10/316,516
CURRENT FILING DATE: 2002-12-10
KNOWER OF SEQ ID NOS: 134
SEQ ID NO 121
LENGTH: 20
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APPLICANT: Erich Koller
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
FILE REFERENCE: PTS-0057
CURRENT APPLICATION NUMBER: US/10/316,516
CURRENT FILING DATE: 2002-12-10
NUMBER OF SEQ ID NOS: 134
ERQ ID NO 64
LENGTH: 20
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                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Antisense Oligonucleotide US-10-315-474-88
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-64
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Publication No. US20040110150A1
GENERAL INFORMATION:
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US-10-671-395-829/c

Sequence 829, Application US/10671395

Sequence 829, Application US/10671395

Sequence 829, Application US/106311

Sequence 829, Application No. US2004013206311

SENDERAL INFORMATION:

APPLICANT: Pharmacia Corp.

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN EZ SYNTHASE

TITLE OF INVENTION: ANTISENSE US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR FILING DATE: 2003-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE PATENTIN VERSION 3.2

SEQ ID NO 829

LENGTH: 20
                                     Sequence 809, Application US/10671395
| Publication No. US20040132063A1
| GENERAL INFORMATION:
| APPLICANT: Pharmacia Corp.
| APPLICANT: Gierse, James K
| TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
| TITLE OF INVENTION: EXPRESSION
| FILE REFERENCE: 1179/1/US
| CURRENT PILING DATE: 2003-09-25
| CURRENT PILING DATE: 2002-09-25
| WUMBER OF SEQ ID NOS: 1809
| SEQ ID NO 809
| SEQ ID NO 809
| LENGTH: 20
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90.0%; Pred. No. 1.2e+03;
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Pred. No. 1.2e+03;
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Best Local Similarity 90.0%; Pred. No. 1.2e
Matches 18; Conservative 0; Mismatches
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US-10-671-395-809
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US-10-671-395-829
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2103 ACCGAGTCTTGCTCTGTTAC 2122
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Matches 18; Conserve
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US-10-671-395-948/c
                          JS-10-671-395-809/c
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; Publication No. US20040132063A1
; GENERAL INPORMATION:
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: EXPRESSION
; TITLE OF INVENTION: EXPRESSION
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT FILING DATE: 2003-09-25
; PRIOR PILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 609
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Publication No. US20040132063A1
GENERAL INPORMATION:
APPLICANT: Glerse, James K
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
CURRENT PLING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATCH IN VENTION 3.2
SEQ ID NO 752
LENGTH: 20
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90.0%; Pred. No. 1.2e+03;
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0; Mismatches
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                                         2347 GCTGGGATTACAGGCATGAG 2366
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Best Local Similarity 90.03
Matches 18; Conservative
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Best Local Similarity 90.0
Matches 18; Conservative
Conservative
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US-10-671-395-752/c
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18;
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2112 TGCTCTGTTACCCAGGCTGG 2131
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         NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 1041
LENGTH: 20
                                                                                          TYPE: DNA
ORGANISM: artificial
FEATURE:
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Publication No. US20040132063A1
GENERAL INPORMATION:
APPLICANT: Glerse, James K
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FALICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOGTWARE: PACENTIN VENEROR 3.2
SEQ ID NO 950
LENGTH: 20
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Sequence 1041, Application US/10671395

Publication No. US20040132063A1

GENERAL INFORMATION:

APPLICANT: Ciarse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

FILE REFERENCE: 1179/1/US

CURRENT PAPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR FILING DATE: 2002-09-25
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE-
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/14/02
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR PLILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NOS: 1809
SEQ ID NO 948
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-950
                                                                                                                                                                                                                                                                                                          ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-948
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Best Local Similarity 90.0°
Matches 18; Conservative
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Best Local Similarity 90.0
Matches 18; Conservative
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ORGANISM: artificial
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Sequence 1101, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: EXPRESSION
FILE OF INVENTION: EXPRESSION
FILE OF INVENTION: EXPRESSION
FILE REPERENCE: 1179/1/US
CURRENT PILING DATE: 2003-09-25
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NO 1101
LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION
GENERAL INFORMATION
APPLICANT: Pharmacia Corp.
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT FILING DATE: 2003-09-25
PRIOR PELICATION NUMBER: 60/413,549
PRIOR FLING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NO 1167
LENGTH: 20
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                                                                           Query Match 0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
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0.7%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-1101
OTHER INFORMATION: Human PGE2 antisense
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APPLICANT: Gieree, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Pharmacia Corp.

APPLICANT: Gieres, James K
APPLICANT: Gieres, James K
APPLICANT: Gieres, James K
APPLICANTON: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REPERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
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90.0%; Pred. No. 1.2e+03;
cive 0; Mismatches 2;
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0.7%; Score 16.8; DB 1;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:

OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1391
                                                                                                                                                                       Sequence 1391, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; Sequence 1417, Application US/10671395; Publication No. US20040132063A1; GENERAL INFORMATION:
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PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
LENGTH: 20
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     2114 CTCTGTTACCCAGGCTGGAG 2133
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                                                     20 CTCTGTTGCCCAAGCTGGAG
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Best Local Similarity 90.0
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: artificial
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US-10-671-395-1417/c
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US-10-671-395-1391/c
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US-10-671-395-1433/c
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APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTIENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT PAPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR PPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
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Publication No. US20040132063A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE:
TITLE OF INVENTION: EXPRESSION
FILE REPRENCE: 1179/1/US
CURRENT PILING DATE: 2003-09-25
PRIOR FILING DATE: 2003-09-25
PRIOR FILING DATE: 2003-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
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                                                                      Query Match 0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
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; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1323
OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                                                                                                                                                                                                                         Sequence 1231, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
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                                                                                                                                                                       2110 CTTGCTCTGTTACCCAGGCT 2129
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SOFTWARE: PatentIn version 3.2
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     ; US-10-671-395-1167
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LENGTH: 20
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LENGTH: 20
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Page 362

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Sequence 1567, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: EXPRESSION
FILE OF INVENTION: EXPRESSION
FILE OF INVENTION: EXPRESSION
FILE OF INVENTION UNMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NOS: 1809
SEQ ID NO 1567
LENGTH: 20
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Sequence 1573, Application US/10671395

Publication No. US20040132063A1

RENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549

PRIOR APPLICATION NUMBER: 3002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
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                  ; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; LENGTH: 20
                                                                                                                                                                                                                                                       TYPE: DNA
CRGANISM: artificial.
FRATURE:
CTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1549
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Sequence 1433, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
GENERAL INFORMATION:
THE CONTINENT CHEER WOULD APPLICANT: CHEER WOULD APPLICANT: CHEER WOULD APPLICANT: CHEER WOULD APPLICANT: CHEER WOULD APPLICANT: TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE; TITLE OF INVENTION: ANTISENSE: US/10/671,395
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: Co/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATCHIL VERSION 3.2
SEQ ID NO 1433
LENGTH: 20
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Sequence 1507, Application US/10671395

Publication No. US20040132063A1

GENERAL INFORMATION:
APPLICANT: Pharmaciae Corp.
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE;
TITLE OF INVENTION: ANTISENSE NOVION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE;
TITLE OF INVENTION: ANTISENSE NOVION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE;
TITLE REPRENCE: 1179/1/US
CURRENT FILING DATE: 2003-09-25

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: PATCHILL VERSION 3.2

LENGTH: 20
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TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
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90.0%; Pred. No. 1.2e+03;
tive 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-1507
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Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
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US-10-671-395-1507/c
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Sequence 56, Application US/10181174B

Publication No. US20040132674A1

GENERAL INFORMATION:
APPLICANT: RESKE-KUNZ, A.B.
APPLICANT: ROSS, XIAOLAN

APPLICANT: ROSS, XIAOLAN

APPLICANT: ROSS, MATTHIAS

TITLE OF INVENTION: A REGULATORY SEQUENCE FOR SPECIFIC EXPRESSION IN

TITLE OF INVENTION: DENDRITIC CELLS AND USES THEREOF

TITLE OF INVENTION: DENDRITIC CELLS AND USES THEREOF

TITLE OF INVENTION NUMBER: US/10/181,174B

CURRENT FILING DATE: 2002-07-12

PRIOR APPLICATION NUMBER: P 100 10 169.1

PRIOR FILING DATE: 2000-01-13

PRIOR FILING DATE: 2000-03-02

NUMBER OF SEQ ID NOS: 72

SOFTWARE: PATENTING US. 3.2

SEQ ID NO 56

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US-10-181-174B-56
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                                              0.7%; Score 16.8; DB 1; Length 20; 90.0%; Pred. No. 1.2e+03; ive 0; Mismatches 2; Indels
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0.7%; Score 16.8; DB 1;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2;
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CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
FRIOR APPLICATION NUMBER: 6/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
LENGTH: 20
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US-10-671-395-1739
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                                                   Query Match 0.7
Best Local Similarity 90.0
Matches 18; Conservative
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Publication No. US20040132063A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glarse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE;
TITLE OF INVENTION: ANTISENSE NODULATION OF MICROSOMAL PROSTAGLANDIN E2 CURRENT FILING DATE: 2003-09-25
CURRENT FILING DATE: 2003-09-25
CURRENT FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
LENGTH: 20
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Sequence 1656, Application US/10671395

Publication No. US20040132063A1

GENERAL INFORMATION:

APPLICANT: Pharmacia Corp.

APPLICANT: Pharmacia Corp.

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE;

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE;

TITLE OF INVENTION: BARRESSION

FILE REFERENCE: 1179/1/US

CURRENT PILING DATE: 2003-09-25

PRIOR PILING DATE: 2003-09-25

PRIOR PILING DATE: 2002-09-25
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                                                                                                                                                                                                                                                                                                                                                        Score 16.8; DB 1;
Pred. No. 1.2e+03;
0; Mismatches 2;
                                                                                                                                                                                                                     ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-1573
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Best Local Similarity 90.0%;
Matches 18; Conservative 0
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SOFTWARE: Patentin version 3.2
SEQ ID NO 1656
LENGTH: 20
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Best Local Similarity 90.0
Matches 18; Conservative
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                                                                                        TYPE: DNA ORGANISM: artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-10-671-395-1729/c
SEQ ID NO 1573
LENGTH: 20
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APPLICANT: FRICE COURTED.
APPLICANT: FREAGER, Meredith
APPLICANT: BERGEN, Andrew W.
TILLE OF INVENTION: GERES AND SNPS ASSOCIATED WITH EATING DISORDERS
FILE REPERENCE: 53061-5005-08
CURRENT FILING DATE: 2004-01-16
FRICE APPLICATION NUMBER: US/10/483,958
CURRENT FILING DATE: 2004-01-16
FRICE FILING DATE: 2004-01-16
FRICE FILING DATE: 2001-07-16
FRICE FILING DATE: 2001-07-16
FRICE FILING DATE: 2001-07-20
FRICE FILING DATE: 2001-11-13
FRICE FILING DATE: 2001-11-13
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FRICE FILING DATE: 2001-11-14
FRICE FILING DATE: 2001-12-19
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APPLICANT: Blizabeth J. Ackermann
APPLICANT: Blizabeth J. Ackermann
APPLICANT: C. Frank Bennett
APPLICANT: Hong Zhang
APPLICANT: Midnew T. Watt
APPLICANT: Wilhiam Ricketts
APPLICANT: Wilhiam Ricketts
APPLICANT: Wilhiam Ricketts
APPLICANT: Nicholas M. Dean
TITLE OF INVENTION: ANTISENSE MODULATION OF FLIP-C EXPRESSION
FILE REFERENCE: RTS-0202
CURRENT FILING DATE: 2003-10-27
PRIOR APPLICATION NUMBER: US/09/666,269
PRIOR APPLICATION NUMBER: US/09/666,269
PRIOR APPLICATION NUMBER: US/09/666,269
NUMBER OF SEQ ID NOS: 133
SEQ ID NO 129
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 0.7%; Score 16.8; DB 1; Length 20; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: OPRD1 sequencing primer US-10-483-958-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; Sequence 129, Application US/10695568; Publication No. US20040254137A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2326 CCCACCTCGGCCTCCCAAAG 2345
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              Application US/10483958
                                                                                                                       APPLICANT: PRICE FOUNDATION LIMITED
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AGAGAGGGGTTTCACCGTG 20
              Sequence 37, Application US/104 Publication No. US20040254363A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      JS-10-695-568-129
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US-10-476-991-17/C

Sequence 17, Application US/10476991

Publication No. US20040248297A1

GENERAL INFORMATION No. US20040248297A1

GENERAL INFORMATION Bennett

APPLICANT: C. Frank Bennett

APPLICANT: Andrew T. Warter

APPLICANT: Isls Pharmaccuticals, Inc.

TITLE OF INVENTION: (CA2+INDEPENDENT) EXPRESSION

TITLE OF INVENTION: (CA2+INDEPENDENT) EXPRESSION

FILE REPREBUCE: ISPH-0781

CURRENT PILLING DATE: 2003-11-05

PRIOR APPLICATION NUMBER: US/10/476,991

CURRENT PILLING DATE: 2001-05-09

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
                                                                                                                                                                                                                                                                                                                                Sequence 39, Application US/10681199
Publication No. US20040138441A1
GENERAL INFORMATION:
APPLICANT: KERE, JUNA
TITLE OF INVENTION: NOVEL HUMAN GENE FUNCTIONALLY RELATED TO DYSLEXIA
FILE REFERENCE: 0933-0214P
CURRENT APPLICATION NUMBER: US/10/681,199
CURRENT FILING DATE: 2003-10-09
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 39
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Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: PCR PRIMER EXN1-9F US-10-681-199-39
                                                                                                           2317 CGTGATCCGCCCACCTCGGC 2336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2337 CICCCAAAGIGCIGGGATIA 2356
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US-10-483-958-37
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                                                                                                                                         Gaps
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                                                                                               Length 21;
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                                                                                                                                         Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY: U.S.A.
ZIP: 53711-5399
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
                                                                                           0.7%; Score 16.8; DB 1;
90.0%; Pred. No. 1.2e+03;
tive 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 16.8; DB 1;
Pred. No. 1.2e+03;
                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Schumm, James W.
Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ATTORNEY/AGENT INPORMATION:
NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026.9180
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM compatible PC
OPERATING SYSTEM: Windows 95
SOFTWARE: Word 97 (DOS text format)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION - UNKNOWN-
PRIOR APPLICATION DITA:
APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0, Mismatches
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TOPOLOGY: Linear
SEQUENCE DESCRIPTION: SEQ ID NO: 112
US-09-784-423-112
; SEQUENCE DESCRIPTION: SEQ ID NO: 67
US-09-784-423-67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Promega Corporation
STREET: 2800 Woods Hollow Road
                                                                                                                                                                               2111 TIGCICIGITACCCAGGCIG 2130
                                                                                                                                                                                                                                                                                                                                  ; Sequence 112, Application US/09784423
; Patent No. US20020012924A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2106 GAGTCTTGCTCTGTTACCCA 2125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEPHONE: (608) 257-3501
TELEFAX: (608) 257-2275
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; Sequence 43, Application US/0998993
; Publication No. US20030134263A1
; GENERAL INFORMATION:
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STRANDEDNESS: Single
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SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 14
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             STATE: Wisconsin
                                                                                             Query Match 0.7
Best Local Similarity 90.0
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                  US-09-784-423-112/c
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                                                           RESULT 1220
US-10-719-993-55177
Sequence 55177, Application US/10719993
Sequence 55177, Application US/10719993
Sequence 55177, Application US/10719993
Sequence 55177, Application US/10719993
TUDICATION OF USCAPILLY MICHEL ET AL.
TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF
TITLE OF INVENTION: ALZHEIMER'S DISEASE, METHODS OF DETECTION AND USES THEREOF
CURRENT APPLICATION NUMBER: US/10/719,993
CURRENT FILING DATE: 2003-11-24
NUMBER OF SEQ ID NOS: 55342
SOFTWARE: PRESENCE FAMINGONE VERSION 4.0
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Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR INTERMEDIATE TANDEM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 20;
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ZIP: 53711-5399

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compatible PC
COMPUTER: IBM compatible PC
COMPUTER: IBM compatible PC
CORENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION ATA:
APPLICATION ATA:
APPLICATION NUMBER: 09/018,584
FILING DATE: 04-Feb-1998
ATTORNEY APPLICATION NUMBER: 29,018
REGISTRATION NUMBER: 29,018
REGISTRATION NUMBER: 29,018
REGISTRATION NUMBER: 29,018
TELECOMMUNICATION NUMBER: 16026.9180
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 16.8; DB 1;
Pred. No. 1.2e+03;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        REPEAT DNA MARKERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Promega Corporation
STREET: 2800 Woods Hollow Road
CITY: Madison
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2339 CCCAAAGTGCTGGGATTACA 2358
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 67, Application US/09784423
Patent No. US20020012924A1
GENERAL INFORMATION:
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INFORMATION FOR SEQ ID NO: 67
  1 CCCTCCTTGGCCTCCCAAAG 20
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STRANDEDNESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0.7%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES: 147
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: Wisconsin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 90.0
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA
CORGANISM: Homo sapiens
US-10-719-993-55177
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LENGTH: 20
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Sequence 13918, Application US/10786720
Fublication No. US20040191818A1
Fublication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
TILLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISBASES
TITLE OF INVENTION: USANDER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
ELENGTH: 21
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APPLICANT: O'TOOLE, MARGOL
APPLICANT: O'TOOLE, MARGOL
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PALENTIN version 3.2
SEQ ID NO 11640
LENGTH: 21
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0.7%; Score 16.8; DB 1;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2;
                                           60/245,756
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2145 ATCTTGGCTCACTGCAAGCT 2164
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: RNA
CRGANISM: RNAi-antiBense strand
US-10-786-720-11640
   PRIOR FILING DATE: 2001-11-02
PRIOR PLING DATE: 2001-11-03
PRIOR PLING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 352
SOFTWARRE: Patentin version 3.1
LEOOID NO 264
LEONING DATE: 2001-103
SEQUENT OF SEQ ID NOS: 352
                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: Artificial sequence
                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Primer
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; ORGANISM: Homo sapiens
US-10-786-720-13918
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US-10-786-720-11640/c
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Publication No. US20030188326A1
GENERAL INFORMATION:
GENERAL INFORMATION:
ADPLICANTE D'ANDTEA, Alan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILI
TITLE OF INVENTION: DEFECTIVE DNA REPAIR MECHANISMS AND TREATMENT THEREOF
FILE REPERENCE: 7032/2055
CURRENT APPLICATION NUMBER: US/10/165,099
CURRENT FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 09/998,027
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| Bublication No. US20030064371A1
| GENERAL INFORMATION:
| APPLICANT: Wing, Vincent
| APPLICANT: Wing, Vincent
| APPLICANT: Wing, Vincent
| APPLICANT: Wing, Vincent
| APPLICANT: Gray, Gary, 
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                         TITLE OF INVENTION: REGULATORY NUCLEIC ACID ASSAY FOR TITLE OF INVENTION: DIAGNOSTIC AND LIBRARY SCREENS FILE REFERENCE: 52400-21002.00
CURRENT APPLICATION NUMBER: US/09/989,993
CURRENT FILING DATE: 2001-11-21
NUMBER OF SEQ ID NOS: 46
SSCTWARE: FastSEQ for Windows Version 4.0
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ) OTHER INFORMATION; Primer EPO bottom-1
US-09-989-993-43
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              2108 GTCTTGCTCTGTTACCCAGG 2127
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US-10-085-906-476
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US-10-165-099-264
APPLICANT:
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RESULT 1232

US-10-786-720-20457/c

i Selection No. US20040191818A1

i Publication No. US20040191818A1

i GENERAL INPORMATION:

i APPLICANT: WPET

APPLICANT: US-10-6, Margot

ITILE OF INVENTION: OPPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

I TILE.OF INVENTION: DISEASES

I TILE.OF INVENTION: USBS-023000 (AM101331L)

CURRENT APPLICATION UNBER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: Patentin version 3.2

IENGTH: 21

LENGTH: 21
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US-10-786-720-20242

Sequence 20242, Application US/10786720

Sequence 20242

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Pred. No. 1.2e+03;
0; Mismatches 2;
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US-10-786-720-19992
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Matches 18, Conservative
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
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Sequence 19990, Application US/10786720

Sequence 19990, Application US/10786720

Sequence 19990, Application No. US20040191818A1

Sequence 19990, Application No. US20040191818A1

GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Co'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: DISEASES
FILE REPERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOSTWARE: PATENTIN VERSION 3.2
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                                                                                                     Query Match 0.7%; Score 16.8; DB 1; Length 21; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
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Publication No. US20040191818A1
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Best Local Similarity 90.03
Matches 18; Conservative
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                 US-10-786-720-13920/c
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US-10-786-720-19992/c
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LENGTH: 21
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LENGTH: 21
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RESULT 1236
US-10-751-736-23455
Sequence 23455, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Watch
APPLICANT: Brown, Eugene
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT PILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
                                                                                                                                                                                                                                                                                                           APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REPERENCE: AM10.027, (0.31996-00.2000)
CURRENT APPLICATION NUMBER: US 1.0/751, 736
CURRENT FILING DATE: 2003-01-06
PRIOR PAPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR PLING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SEQ ID NO 41.26
LENGTH: 21
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Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2;
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US-10-751-736-22754/c
Sequence 23754, Application US/10751736
; Publication No. US/20040265230A1
                                                                                                                                                                      Sequence 4126, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
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   2 CGAUUCUCCUGCCUCAGCUU 21
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SOFTWARE: Patentin version 3.2
SEQ ID NO 23455
LENGTH: 21
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ORGANISM: homo sapiens
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ORGANISM: homo sapiens
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| Sequence 20466, Application US/10786720
| Publication No. US200040191818A1
| Publication No. US200040191818A1
| Publication No. US200040191818A1
| APPLICANT: Wyeth
| APPLICANT: Wyeth
| APPLICANT: O'TOOle, Margot
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APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liv, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AMI00227 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR PRIOR OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
SEQ ID NO 4121
LENGTH: 21
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                                                                                                                             Query Match 0.7%; Score 16.8; DB 1; Length 21; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
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Sequence 4121, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Wyeth
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US-10-786-720-20466
                  ORGANISM: RNAi-antisense strand US-10-786-720-20457
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Best Local Similarity 90.0
Matches 18; Conservative
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ORGANISM: RNAi
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2352 GATTACAGGCATGAGCCACC 2371
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SOFTWARE: PatentIn version 3.2
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NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
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Best Local Similarity 90.0°
Matches 18; Conservative
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Best Local Similarity 90.0
Matches 18; Conservative
                                                                                                                                                                 TYPE: DNA
CRGANISM: homo sapiens
US-10-751-736-23938
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ORGANISM: RNAi
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LENGTH: 21
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APPLICANT: Martinez, Robert
APPLICANT: Bacwin, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AMIO0927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US/10/751,736
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR PILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SEQ ID NO 23754
LENGTH: 21
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APPLICANT: Martinez, Robert
APPLICANT: Brown, Bugene
APPLICANT: Liv, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REPERENCE: AM100927 (031895-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT PILING DATE: 2003-01-06
PRIOR PILICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
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Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Martinez, Robert
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
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Pred. No. 1.2e+03;
0; Mismatches 2; Indels
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Best Local Similarity 90.0°
Matches 18; Conservative
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Best Local Similarity 60.0°
Matches 12; Conservative
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; ORGANISM: RNAi
US-10-751-736-23754
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US-10-751-736-23771
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LENGTH: 21
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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Weth
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wet
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
FITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
FILLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
CURRENT APPLICATION NUMBER: US/10/751,736
PRIOR APPLICATION NUMBER: US/201-06
PRIOR APPLICATION NUMBER: US/201-06
PRIOR FILLING DATE: 2003-01-06
PRIOR FILLING DATE: 2003-01-06
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APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: CONPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
THE REPERENCE: AM1009277 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT PILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
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FILE REFERENCE: AM100927 (031896-002000)

CURRENT APPLICATION NUMBER: US/10/751,736

CURRENT FILING DATE: 2003-01-06

PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

PRIOR FILING DATE: 2003-01-06

NUMBER OF SEQ ID NOS: 54873

SEQ ID NO 22938

LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                              Length 21;
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90.0%; Pred. No. 1.2e+03;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                     0.7%; Score 16.8; DB 1;
90.0%; Pred. No. 1.2e+03;
live 0; Mismatches 2;
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... Sequence 42848, Application US/10751736

... Publication No. US20040265230Al

... GENERAL INFORMATION:
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US-10-463-981B-2/c
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                                                                                                                              Query Match 0.7%; Score 16.8; DB 1; Length 21; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match 0.7%; Score 16.8; DB 1; Length 22; Best Local Similarity 90.0%; Pred. No. 1.2e+03; Matches 18; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                      Sequence 25, Application US/09225201
Patent No. US20010007744A1
GENERAL INFORMATION:
APPLICANT: Chenchik, Alex
Jokhadze, George
Bibliashvilli, Robert
TITLE OF INVENTION: EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDLUM TYRE: LIBM Compatible
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows95
SOFTWARE: FASESE for Windows Version 2.0
CURRINT APPLICATION DATA:
APPLICATION NUMBER: US/09/225,201
FILING DATE: 05-Jan-1999
CLASSIFICATION OF CURNOWN>
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 08/859,998
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAWE: Field, Bret E.
REGISTRATION NUMBER: 37,620
REFERENCE/DOCKET NUMBER: CLON-001CIP2
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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US-09-225-201-25
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 1375
CORRESPONDENCE ADDRESS:
ADDRESSES: Bozicevic, Field & Francis LLP
STREET: 200 Middlefield Road, Suite 200
CITY: Menlo Park
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2122 CCCAGGCTGGAGTGCAGTGG 2141
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LENGTH: 22 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 650-327-3231
INFORMATION FOR SEQ ID NO: 25:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear MOLECULE TYPE: DNA
                                           ; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-43684
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                                                                                                                                                                                                                                                                                                                                                      US-09-225-201-25/c
SEQ ID NO 43684
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                      LENGTH
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Sequence 2, Application US/10463981B
Sequence 2, Application US/10463981B
Sequence 2, Application No. US20040081982A1
Sequence 2, Application No. US20040081982A1
GENERAL INFORMATION:
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Saffery, Richard Eric
TITLE OF INVENTYON: Noocentromere-based mini-chromosomes
TITLE OF INVENTYON: Noocentromere-based mini-chromosomes
FILE REFERENCE: A35669-PCT-USA-A (071838.0140)
CURRENT APPLICATION NUMBER: US/10/463,981B
CURRENT APPLICATION NUMBER: US/10/463,981B
FRIOR FILING DATE: 2001-12-20
PRIOR FILING DATE: 2001-12-21
PRIOR FILING DATE: 2001-12-21
PRIOR FILING DATE: 2001-11-16
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2
LENGTH: 18
                                                   GENERAL INFORMATION:

APPLICANT: Moste, K.

APPLICANT: Moste, K.

APPLICANT: Moste, K.

TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY

TITLE OF INVENTION: DIAGNOSIS OF BODY WEIGHT DISORDERS, INCLUDING OBESITY

FILE REPREBENCE: 1853-238

CURRENT APPLICATION NUMBER: 09/245,041

PRIOR APPLICATION NUMBER: 09/245,041

PRIOR PILING DATE: 1999-02-05

PRIOR PILING DATE: 1999-07-02

PRIOR PILING DATE: 1999-07-02

PRIOR PILING DATE: 1998-07-21

PRIOR APPLICATION NUMBER: 60/104,978

PRIOR APPLICATION NUMBER: 60/104,978

PRIOR PILING DATE: 1998-10-20

NUMBER OF SEQ ID NOS: 129

SOFTWARE: PSECSEQ for Windows Version 3.0

SEQ ID NO 92

LENGTH: 22
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0.7%; Score 16.6; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 1.3e+03;
Matches 16; Conservative 1; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match

0.7%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 1.2e+03;
Matches 18; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      2268 GAGACAGGGTTTCACCGTGT 2287
Sequence 92, Application US/09893238 Patent No. US20020150973A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               21 GAGACAGGGTCTCACTGTGT 2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Primer
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-09-764-869-1866/c

; TYPE: DNA ; ORGANISM: Homo sapiens US-09-764-869-1866

RESULT 1246 US-09-764-891-10026

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; TYPE: DNA ; ORGANISM: Homo sapiens US-09-764-891-10026

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SEQ ID NO 10026

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Sequence 8, Application US/09841366A
Sequence 9. Application US/09841366A
GENERAL INFORMATION:
APPLICANT: Bacher, Jeffery W.
APPLICANT: Planagan, Laura
APPLICANT: Nassif, Nadine
TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
TITLE OF INVENTION: DAGNOSIS OF TUMORS
TITLE OF INVENTION: DAGNOSIS OF TUMORS
TILLE PEPERRENCE: 16026-9267
CURRENT APPLICATION NUMBER: US/09/841,366A
CURRENT FILING DATE: 2001-07-16
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FILE REPERENCE: PC007C2

TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
FILE REPERENCE: PC007C2

FILE REPERENCE: PC007C2

CURRENT APPLICATION NUMBER: US/10/227,577

CURRENT FILING DATE: 2002-08-26

FRIOR PELING DATE: 2001-01-17

PRIOR APPLICATION NUMBER: 09/764,869

FRIOR APPLICATION NUMBER: 06/179,065

FRIOR APPLICATION NUMBER: 60/180,628

FRIOR APPLICATION NUMBER: 60/180,628

FRIOR APPLICATION NUMBER: 60/214,886

FRIOR APPLICATION NUMBER: 60/214,886

FRIOR APPLICATION NUMBER: 60/225,758

FRIOR APPLICATION NUMBER: 60/225,758

FRIOR PILING DATE: 2000-08-14

FRIOR PILING DATE: 2000-08-14

FRIOR APPLICATION NUMBER: 60/225,758

FRIOR APPLICATION NUMBER: 60/225,758

FRIOR APPLICATION NUMBER: 60/225,758

FRIOR APPLICATION NUMBER: 60/225,747

FRIOR APPLICATION NUMBER: 60/225,447

FRIOR FILING DATE: 2000-07-26

FRIOR FILING DATE: 2000-07-11

FRIOR FILING DATE: 2000-07-14

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64.1%; Pred. No. 7.5e+02;
iive 0; Mismatches 14; Indels
        Length 87;
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                                                                                                                                                                    2289 AGCCAGGATGGTCTCCATCTCCTGACCTCGTGATCCGCC
                                                                                                                                                                                                                                                  53 AGGCGGGTGGATCACGAGGTCAGGAGTTCGAGATCAGCC
Score 16.6; DB 1;
Pred. No. 7.5e+02;
0; Mismatches 14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 1866, Application US/10227577; Publication No. US20040005575A1; GENERAL INFORMATION:
Query Match 0.7%;
Best Local Similarity 64.1%;
Matches 25; Conservative
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-10-255-434-16/c
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Fublication No. US20030129626A1

FUBLICANT: No. US20030129626A1

APPLICANT: Nielsen, Kirsten V.

APPLICANT: Hyldig-Nielsen, Jens J.

APPLICANT: Williams, Brett F.

TITLE OF INVENTION: Suppression Of Detectable Probe Binding To The
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REPERENCE BPO101-US

CURRENT APPLICATION NUMBER: US/10/255,434

CURRENT FILING DATE: 2002-09-24

NUMBER OF SEQ ID NOS: 26

SEQ ID NOS: 26

SEQ ID NO 4

LENGTH: 18
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| Publication No. US20030022163A1
| Publication No. US20030022163A1
| Publication No. US20030022163A1
| APPLICANT: Mandrekar, Michelle N.
| APPLICANT: Tereba, Allan
| APPLICANT: Shultz, John W.
| TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences FILE REFERENCE: US CIP of PRO-104 0
| CURRENT APPLICATION NUMBER: US/09/739,909
| CURRENT FILING DATE: 2000-12-15
| PRIOR APPLICATION NUMBER: 09/358,972
| PRIOR APPLICATION NUMBER: 09/358,316
| PRIOR PILING DATE: 1999-08-25
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                                                                                                                                                                                                                                                                                                Length 18;
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                                                                                                                                                                                                                                                                                                                                               1; Indels
                                                                                                                                                                                                                                                                                        Query Match

0.7%; Score 16.4; DB 1;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1;
PRIOR APPLICATION NUMBER: 09/663,020 PRIOR FILING DATE: 2000-09-15 NUMBER OF SEQ ID NOS: 68 SOFTWARE: Patentin Ver. 2.1 SEQ ID NO B LENGTH: 18
                                                                                                                                                                                                                     ; OTHER INFORMATION: MONO-15 primer US-09-841-366A-8
                                                                                                                                                                                                                                                                                                                                                                                         2152 CTCACTGCAAGCTCTGCC 2169
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SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 9
LENGTH: 18
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ORGANISM: Homo sapiens
US-09-739-909-9
                                                                                                                                                                   ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RESULT 1250
US-09-739-909-9/c
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                                                                                                                                                TYPE: DNA
                                                                                                                                                                                               FEATURE:
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Sequence 16, Application US/10255434

Publication No. US2030129626A1

Publication No. US2030129626A1

GENERAL INFORMATION:

APPLICANT: Nielsen, Kirsten V.

APPLICANT: Hyldig-Nielsen, Jens J.

APPLICANT: Williams, Brett F.

TILLE OF INVENTION: Suppression Of Detectable Probe Binding To The TILLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid CURRENT APPLICATION NUMBER: US/10/255,434

CURRENT FILING DATE: 2002-09-24

NUMBER OF SEQ ID NOS: 26

SOFTWARRE: PatentIn Ver. 2.1

SEQ ID NOS: 26

SEQ ID NOS: 26
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FEATURE:
OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
OTHER INFORMATION: Oligomer Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                       Gaps
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, PTEATURE:
, OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
, OTHER INFORMATION: Sequence
US-10-255-434-16
                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe OTHER INFORMATION: Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic OTHER INFORMATION: Oligomer Sequence
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APPLICANT: Peter Mointyre
APPLICANT: Peter Mointyre
APPLICANT: Chuanzheng Song
APPLICANT: Chuanzheng Song
APPLICANT: Pamposh Ganju
TITLE OF INVENTION: VANILLOID RECEPTOR-RELATED NUCLEIC ACIDS
TITLE OF INVENTION: AND POLYPEPTIDES
FILE REFERENCE: 4-32048A
CURRENT APPLICATION NUMBER: US/10/171,319
CURRENT FILING DATE: 2002-10-24
PRIOR FILING DATE: 2001-06-13
                                                                                                                                                                                                                                Score 16.4; DB 1; Length 18;
Pred. No. 1.3e+03;
0; Mismatches 1; Indels
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0.7%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels
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; Sequence 46, Application US/10171319
; Publication No. US20030157633A1
; GENERAL INFORWATION:
                                                                                                                                                                                                                                                                                                                                                            2347 GCTGGGATTACAGGCATG 2364
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                                                                                                                                                                                                                                          Query Match
Best Local Similarity 94.4%;
Matches 17; Conservative (
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ORGANISM: Artificial Sequence
FEATURE:
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Gerlach, Valerie
Shimkets, Richard
Taupier, Raymond J. Jr.
Anderson, David
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Padigaru, Muralidhara
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ORGANISM: Artificial Sequence
                                              Zhong, Mei
Catterton, Elina
Spytek, Kimberly
Miller, Charles
Edinger, Shlomit
Hjalt, Tord
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Casman, Stacie
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Rastelli, Luca
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Pena, Carol
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| Publication No. US20030180758A1
| Publication No. US20030180758A1
| GENERAL INFORMATION. US20030180758A1
| APPLICANT: Blanagan, Laura
| APPLICANT: Branagan, Laura
| APPLICANT: Bacher, Jeffery W. |
| APPLICANT: Branagan, Laura
| APPLICANT: Branagan, Laura
| APPLICANT: DESCRICE OF MICROSATELLITE INSTABILITY AND ITS USE IN TITLE OF INVENTION: DIAGNOSIS OF TUMORS
| TITLE OF INVENTION: DIAGNOSIS OF TUMORS
| TITLE OF INVENTION: DATE: 2002-12-09
| CURRENT APPLICATION NUMBER: US/10/314,810
| PRIOR APPLICATION NUMBER: US/9/9/441,366
| PRIOR PILING DATE: 2001-07-16
| PRIOR FILING DATE: 2000-09-15
| NUMBER OF SEQ ID NOS: 68
| SOSTWARE: PATENTIN VET. 2.1
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PRIOR APPLICATION NUMBER: 60/351,238
PRIOR FILING DATE: 2002-01-22
PRIOR PILING DATE: 2002-01-29
PRIOR FILING DATE: 2002-01-29
PRIOR PILING DATE: 2002-01-29
PRIOR PILING DATE: 2002-02-12
PRIOR PILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: 60/381,086
PRIOR APPLICATION NUMBER: 60/381,086
PRIOR APPLICATION NUMBER: 60/381,739
PRIOR APPLICATION NUMBER: 60/381,739
PRIOR APPLICATION NUMBER: 60/381,739
PRIOR PILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 114
SOFTWARE: FASELSEQ for Windows Version-4.0
                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Oligonucleotide primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 133, Application US/10187975
Sequence 133, Application US/10187975
Publication No. US20030224982A1
GENERAL INFORMATION:
APPLICANT: Li, Li
APPLICANT: Shenoy, Suresh
APPLICANT: Patturajan, Meera
                                                                                                                                                                                                                                                                                                                                                                                                                                                        2117 TGTTACCCAGGCTGGAGT 2134
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                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                          US-10-171-319-46
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, OTHER INFORMATION: Description of Artifical Sequence: Primer/Probe
US-10-187-975-133
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                                                              Length 18;
                                                                                                               1; Indels
                                                            Query Match

0.7%; Score 16.4; DB 1;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1;
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US-10-473-368-10/c
; Sequence 10, Application US/10473368
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; Publication No. US20030105040A1;
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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    FILE REFERENCE: 015280-248110US
CURRENT APPLICATION NUMBER: US/09/881,012
CURRENT FILING DATE: 2001-06-13
FRIOR PRICATION NUMBER: US/09/175,158
FRIOR FILING DATE: 1998-10-19
FRIOR PILING DATE: 1997-10-20
NUMBER OF SEQ ID NOS: 240
SEQ ID NO 160
                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: D4S1575 reverse primer
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                                                                                                                                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 94.44
Matches 17; Conservative
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US-09-881-012-160/c
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US-09-993-731-23
                                                                                                                                                                                                                           LENGTH: 19
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                                        APPLICANT: SHIOZAWA, Shunichi
APPLICANT: KOMAI, Koichiro
APPLICANT: KOMAI, Koichiro
APPLICANT: KOMAI, Koichiro
APPLICANT: KOMAI, Koichiro
APPLICANT: WATSUURA, Nao
TITLE OF INVENTION: Genomic DNAss involved in participating in rheumatoid arthritis,
TITLE OF INVENTION: a method of diagnosing or judging onset risk of the same,
TITLE OF INVENTION: method of judging onset risk thereof and diagnostic kit for dete
FILE REFERENCE: 2003-1388A/WMC/06653
CURRENT APPLICATION NUMBER: US/10/473,368
CURRENT APPLICATION NUMBER: J2003-030
FRIOR APPLICATION NUMBER: J2003-102006
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TITLE OF INVENTION: Methods and nucleic acids for the analysis of hematopoietic cell
FITE OF INVENTION: proliferative disorders
FILE SPERENCE:
CURRENT APPLICATION NUMBER: US/10/473,126
CURRENT FILING DATE: 2003-09-26
NUMBER OF SEQ ID NOS: 1258
SEQ ID NO 82
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.7%; Score 16.4; DB 1; Length 18;
94.4%; Pred. No. 1.3e+03;
Ive 0; Mismatches 1; Indels
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Publication No. US20020192655A1
GENERAL INFORMATION:
APPLICANT: Gins, Edward I.
APPLICANT: Egeland, Janice A.
APPLICANT: Paul, Steven M.
APPLICANT: The Governmwent of the United States of America
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: as represented by The Secretary of the PAPLICANT: Department of Health and Human Services TITLE OF INVENTION: Susceptibility and Resistance Genes for TITLE OP INVENTION: Bipolar Affective Disorder
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) OTHER INFORMATION: Synthesized oligonucleotide US-10-473-368-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 82, Application US/10473126
Publication No. US20040234973A1
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Publication No. US20040175706A1
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                                                                                                                                                                                                                                                                                                      NUMBER OF SEQ ID NOS: 13
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 10
LENGTH: 18
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Matches 17; Conservative
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ORGANISM: Homo Sapiens
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| Sequence 53, Application US/10013295 |
| Sequence 53, Application US/10013295 |
| Publication No. US20030175906A1 |
| GENERAL INFORMATION: |
| APPLICANT: Manoharan, Muthiah |
| ITILE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides |
| FILE REPERENCE: ISIS4948 |
| CURRENT FILING DATE: 2001-12-10 |
| PRIOR APPLICATION NUMBER: 05/102,682 |
| PRIOR APPLICATION NUMBER: 60/302,682 |
| PRIOR APPLICATION NUMBER: 5001-07-03 |
| NUMBER OF SEQ ID NOS: 55 |
| SOFTWARE: Patentin version 3.1 |
| SEQ ID NO 53 |
| LENGTH: 20
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                                                                                                                                                                                       0.7%; Score 16.4; DB 1; Length 20; 94.4%; Pred. No. 1.3e+03; tive 0; Mismatches 1; Indels
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Pred. No. 1.3e+03;
0; Mismatches 1; Indels
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TITLE OF INVENTION: ANTISENSE MODULATION OF EDG1 EXPRESSION
FILE REFERENCE: RTS-0179
CURRENT APPLICATION NUMBER: US/10/215,448
NUMBER OF SEQ ID NOS: 105
SEQ ID NO 77
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: No. US20030175906A1el Sequence NAME/KEY: misc_feature LOCATION: (1)...(1) OTHER INFORMATION: N= G-clamp modification
                                                                                           FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-843-377-88
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-10-215-448-77/c; Sequence 77, Application US/10215448; Sequence 77, Application No. US20040029273A1; BNENERAL INFORMATION:
                                                                                                                                                                                                                                                                                2113 GCTCTGTTACCCAGGCTG 2130
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                                                                                                                                                                                                                                                                                                                           GCTCTGTCACCCAGGCTG 18
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I Similarity 94.4%;
17; Conservative (
                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
ORGANISM: Artificial Sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                                                     Query Match 0.73
Best Local Similarity 94.4
Matches 17; Conservative
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Best Local Similarity
         SEQ ID NO 88
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Matches
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Sequence 88, Application US/09843377
Publication No. US20030176371A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANJRENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION FILE REFERENCE: RTS-0235
CURRENT APPLICANTON NUMBER: US/09/843,377
CURRENT FILING DATE: 2011-04-26
NUMBER OF SEQ ID NOS: 89
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CURRENT APPLICATION NUMBER: US/09/996,292A
CURRENT FILING DATE: 2001-09-28
NUMBER OF SEQ ID NOS: 55
SOFTWARE: Patentin version 3.1
SEQ ID NO 53
LENGTH: 20
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0.7%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels
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0.7%; Score 16.4; DB 1;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1;
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                                                                                                                                                                                                     ) OTHER INFORMATION: Antisense Oligonucleotide US-09-993-731-23
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: misc_feature
LOCATION: (1)._(1)
OTHER INFORMATION: N= G-clamp modification
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; OTHER INFORMATION: N= G-clamp modification US-09-996-292A-53
FILE REFERENCE: RTS-0302
CURRENT PELLING NUMBER: US/09/993,731
CURRENT FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      S-09-996-292A-53/c
Sequence 53, Application US/0996292A
Publication No. US20030158403A1
GENERAL INFORMATION:
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                                                                                                                                                      ORGANISM: Artificial Sequence
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NAME/KEY: misc_feature
                                                                                    SEQ ID NO 23
LENGTH: 20
                                                                                                                                        TYPE: DNA
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FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 6/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
LENGTH: 20
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CHER INFORMATION: Human PGE2 antisense

US-10-671-395-610
                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-553
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ; Sequence 610, Application US/10671395; Publication No. US20040132063A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                               2101 AGACCGAGTCTTGCTCTG 2118
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ORGANISM: artificial
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Query Match 0.7%; Score 16.4; DB 1; Length 20; Best Local Similarity 94.4%; Pred. No. 1.3e+03; Matches 17; Conservative 0; Mismatches 1; Indels
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Sequence 45, Application US/10317500

Publication No. US20440115637A1

GENERAL INFORMATION:

APPLICANT: Robert McKay

APPLICANT: Remeth W. Dobie

TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION

FILE REFERENCE: RTS-0380

CURRENT APPLICATION NUMBER: US/10/317,500

CURRENT FILING DATE: 2002-12-11

NUMBER OF SEQ ID NOS: 276

SEQ ID NO 45

LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 197, Application US/10317500
| Publication No. USZO040115637A1
| GENERAL INFORMATION:
| APPLICANT: Robert McKay
| APPLICANT: Robert McKay
| TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
| FILE REFERENCE: RTS-0380
| CURRENT APPLICATION NUMBER: US/10/317,500
| CURRENT FILING DATE: 2002-12-11
| SEQ ID NO 197
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Pred. No. 1.3e+03;
0; Mismatches 1;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1335 TCTGAGAAAGCCAAACTG 1352
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                                                                              519 AAGCAACAACATATTGTA
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Best Local Similarity 94.4
Matches 17; Conservative
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ORGANISM: H. sapiens
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US-10-671-395-553/c
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US-10-317-500-197
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APPLICANT: Pharmacia Corp.
APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT PILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 610
LENGTH: 20
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Sequence 862, Application US/10671395

Publication No. US20040132063A1

FUBLICANT NO. US20040132063A1

APPLICANT: Pharmacia Corp.
APPLICANT: Giterse, James K

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ANTISENSE NO. SPACE CORP.
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT PILING DATE: 2003-09-25

PRIOR PILING DATE: 2002-09-25
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE TITLE OF INVENTION: EXPRESSION
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0.7%; Score 16.4; DB 1;
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1;
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APPLICANT: RIKEN
APPLICANT: Yoshikawa, Takeo
APPLICANT: Hattori, Eiji
TITLE OF INVENTION: POLYMORPHIC DNAS AND THEIR USE FOR
TITLE OF INVENTION: DIAGNOSIS OF SUSCEPTIBILITY TO PANIC DISORDER
FILE REPERRENCE: 25100-20092.00
CURRENT PELLING DATE: 2000-21092
CURRENT FILING DATE: 2000-12-08
PRIOR APPLICATION NUMBER: JP 2000-375090
PRIOR APPLICATION NUMBER: JP 2000-13-08
NUMBER OF SEC ID NOS: 9
SOFTWARE: FastSEQ for Windows Version 4.0
ENGINE DATE: 2010 NOS: 9
SOFTWARE: PASTSEQ for Windows Version 4.0
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FUNDICATION NO. US20030119095A1

FOUNDICATION INFORMATION:

APPLICANT: BLIMEES, Richard

APPLICANT: BLINGS Blma

APPLICANT: BLIDGY FERENCE

TITLE OF INVENTION: THEREBY

TITLE OF INVENTION NUMBER: US/10/004,415

CURRENT FILING DATE: 2001-10-31

FRIOR FILING DATE: 2000-05-11

FRIOR FILING DATE: 2000-05-11

FRIOR APPLICATION NUMBER: 60/134,315

FRIOR APPLICATION NUMBER: 60/134,315

FRIOR APPLICATION NUMBER: 60/134,315

FRIOR APPLICATION NUMBER: 60/134,315

FRIOR APPLICATION NUMBER: 60/175,744

FRIOR FILING DATE: 2000-01-12

FRIOR FILING DATE: 2000-03-10

FRIOR FILING DATE: 2000-03-10

NUMBER OF SEQ ID NOS: 52
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                                                                                                                        OTHER INFORMATION: Description of Artificial Sequence:chemically COTHER INFORMATION: synthesized US-09-998-966-47
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Pred. No. 1.3e+03;
0; Mismatches 1;
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US-10-013-329-5
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; Publication No. US20020160390A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                       2347 GCTGGGATTACAGGCATG 2364
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2124 CAGGCTGGAGTGCAGTGG 2141
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                                          TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                       Query Match 0.7%;
Best Local Similarity 94.4%;
Matches 17; Conservative
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Matches 17; Conserva
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Publication No. US20040171575A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION FILE REFERENCE: RTS-0235
CURRENT APPLICATION NUMBER: US/10/819,244
CURRENT FILING DATE: 2001-04-06
PRIOR FILING DATE: 2001-04-26
NUMBER OF SEQ ID NOS: 89
LENGTH: 20
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APPLICANT: Beldog, Ferenc
TITLE OF INVENTION: NOVEL POLYNUCLECTIDES AND POLYPEPTIDES ENCODED THEREBY
TITLE OF INVENTION: NOVEL POLYNUCLECTIDES AND POLYPEPTIDES ENCODED THEREBY
FILE REFERENCE: 15966-551
CURRENT APPLICATION NUMBER: 08/569,269
FRIOR FILING DATE: 2000-05-11
FRIOR APPLICATION NUMBER: 60/134,315
FRIOR FILING DATE: 1999-05-14
FRIOR FILING DATE: 1999-05-14
FRIOR PILING DATE: 2000-01-12
FRIOR APPLICATION NUMBER: 60/175,744
FRIOR FILING DATE: 2000-03-10
FRIOR FILING DATE: 2000-03-10
FRIOR FILING DATE: 2000-03-10
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                                                                                                                                                                                                   ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-862
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NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 862
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                               TYPE: DNA ORGANISM: artificial
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APPLICANT: Wyeth
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APPLICANT: Liu, Weil
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APPLICANT: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: O'Toole, Margot
APPLICANT: O'Toole, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISBASES
FILE REFERENCE: 031896-023000 (AMI01331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
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Pred. No. 1.3e+03;
0; Mismatches 1; Indels
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Pred. No. 1.3e+03;
0; Mismatches 1; Indels
                                                                                                                            Length 21;
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                                                                                                                         Score 16.4; DB 1;
Pred. No. 1.3e+03;
                                                                                                                                                                       0; Mismatches
                                                                                                                                                                                                                                                                                                                                   RESULT 1276
US-10-786-720-20188/c
Sequence 20188, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
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SEQ ID NO 20188
LENGTH: 21
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Best Local Similarity 94.4%;
Matches 17; Conservative
                                                                                                                       Query Match 0.7%;
Best Local Similarity 94.4%;
Matches 17; Conservative
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Best Local Similarity 94.4%;
Matches 17; Conservative
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                          TYPE: DNA
CRGANISM: Homo sapiens
US-10-786-720-13909
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; ORGANISM: Homo sapiens
US-10-786-720-20236
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LENGTH: 21
       LENGTH: 21
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Sequence 46, Application US/10384974

Sequence 46, Application US/10384974

Sequence 46, Application US/10384974

Sequence 46, Application US/10384974

PUBLICANT NO. US20040014173A1a1

TITLE OF INVENTION NO. US20040014173A1a1 Polymucleotides, Polypeptides Encoded There

TITLE OF INVENTION NO. NO. US20040014173A1a1 Polymucleotides, Polypeptides Encoded There

TITLE OF INVENTION NO. NO. US2004001407,

TITLE OF INVENTION NUMBER: US/10/384,974

CURRENT FILING DATE: 2000-05-11

PRIOR FILING DATE: 2000-05-14

PRIOR PILING DATE: 2000-01-12

PRIOR PELING DATE: 2000-03-10

WUMBER OF SEQ ID NOS: 179

SOFTWARE: CuraSequist Version 0.1

SEQ ID NO 46

LENGTH: 21
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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: D'TOOL
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISBASES
FILE REFERENCE: 031896-023000 (AMIO1331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
SUPMAREN FILING DATE: 2014-02-26
SOFTWARE: PACENTIN VERSION 3.2
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; OTHER INFORMATION: Description of Artifical Sequence: Primer/Probe
US-10-384-974-46
                                                                                                                                     OTHER INFORMATION: Description of Artificial Sequence: chemically OTHER INFORMATION: synthesized
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0.7%; Score 16.4; DB 1; Length
Best Local Similarity 94.4%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 1; Indels
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                                                                    TYPE: DNA ORGANISM: Artificial Sequence
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SOFTWARE: Patentin Ver. 2.0
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                     SEQ ID NO 47
LENGTH: 21
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OP INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OP INVENTION: DISEASES
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Squence 4120, Application US/10751736

Rublication No. US20040265230A1

GENERAL INFORMATION:

APPLICANT: Wattinez, Robert

APPLICANT: Brown, Eugene

APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

TITLE OF INVENTION: CANCENS

FILE REFERENCE: AM10927 (031896-002000)

CURRENT FILING DATE: 2003-01-06

PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

PRIOR PLIANG DATE: 2003-01-06

NUMBER OF SEQ ID NOS: 54873

SOFTWARE: Patentin version 3.2

LENGTH: 21

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CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN VERSION 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-786-720-20244/c
; Sequence 20244, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
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   2004-02-26
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                                                                                                                                                                   ; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-20243
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CURRENT FILING DATE:
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                                                                                               SEQ ID NO 20243
LENGTH: 21
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LENGTH: 21
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                                          Sequence 20237, Application US/10786720
Sequence 20237, Application US/10786720
Publication No. US20040191818A1
GAPRIAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Weth
APPLICANT: Liu, Weth
TITLE OF INVENTION: DISEASES
FILE REFREENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
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US-10-786-720-20238, Application US/10786720

Sequence 20238, Application US/10786720

Sequence 20238, Application US/10786720

Sequence 20238, Application US/10786.720

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Liu, Weit

APPLICANT: Liu, Weit

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASE

STILL OF INVENTION: DISEASE

TITLE OF INVENTION: DISEASE

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US-10-786-720-20243

US-10-786-720-20243, Application US/10786720

Sequence 20243, Application US/10786720

Publication No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: Wyeth

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

FILE REPERBNCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720
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Pred. No. 1.3e+03;
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4; Mismatches
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Best Local Similarity 72.2%;
Matches 13; Conservative
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COGANISM: RNAi-sense strand
US-10-786-720-20237
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LENGTH: 21
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APPLICANT: Wyeth
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US-10-751-736-23459
                                                        US-10-751-736-23459
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APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wath
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REPERENCE: AM100277 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT PILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
NUMBER OP SEQ ID NOS: 54873
SOPTWARE: PATENTIN VETSION 3.2
SEQ ID NO 4585
LENGTH: 21
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APPLICANT: Wyeth
APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AMIO0927 (031996-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR PLING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SSOFTWARE: Patentin version 3.2
SEQ ID NO 5990
LENGTH: 21
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77.8%; Pred. No. 1.3e+03;
Ive 3; Mismatches 1; Indels
Best Local Similarity 94.4%; Pred. No. 1.3e+03; Matches 17; Conservative 0; Mismatches 1; Indels
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Publication No. US20040265230A1
GENERAL INFORMATION:
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Sequence 5090, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
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Matches 14; Conservative
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; ORGANISM: homo sapiens
US-10-751-736-4585
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; ORGANISM: RNA;
US-10-751-736-5090
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0; Mismatches
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                                                                                                      1 GACAGGGTTTCATCATGTTGG
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         18; Conservative
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; ORGANISM: Homo sapiens
US-10-085-906-475
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Leyland-Jones, Brian
TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
TITLE OF INVENTION: GASTROGSOPHAGEAL REFLUX DISEASE AGENTS
TITLE OF INVENTION: GASTROGSOPHAGEAL REFLUX DISEASE AGENTS
FILE REFERENCE: 3298-1.011-000
CURRENT APPLICATION NUMBER: US/10/132,080
CURRENT APPLICATION NUMBER: 60/285,687
PRIOR FILING DATE: 2001-04-24
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PASESEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 21
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0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels
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| Publication No. US2003063950A1
| GENERAL INPORMATION:
| APPLICANT: LEPYLAND GONES, Brian
| TITLE OF INVENTION: HYPERLIPIDEMIA AGENTS
| FILE REFERENCE: 3298.1009-000
| CURRENT APPLICATION NUMBER: US/10/125,690
| CURRENT APPLICATION NUMBER: 06/284,210
| PRIOR APPLICATION NUMBER: 60/284,210
| PRIOR FILING DATE: 2001-04-18
| NUMBER OF SEQ ID NOS: 25
| SOFTWARE: PASESEQ for Windows Version 4.0
| LENGTH: 21
; TYPE: DNA; CRGANISM: Artificial Sequence; PEATURE: OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligomucleotide primer US-09-981-566A-137
                                                                                                                                                                                                                                                                      1309 ATAAAGGGAAAGATAAAGGGG 1329
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; Sequence 25, Application US/10132080
; Publication No. US20030049204A1
; GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                   21 ATAAAGGGATTGAGAAAGGGG 1
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Best Local Similarity
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Sequence 475, Application US/10085906
| Publication No. US20030054371A1
| GENERAL INFORMATION:
| APPLICANT: Ying, Vincent
| APPLICANT: Wu, Paul
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| APPLICANT: Wu, Paul
| FILE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| FILE REFERENCE: GNN-34340P2
| FILE OF INVENTION: VUMBER: US/10/085, 906
| CURRENT APPLICATION NUMBER: US/01/26,215
| PRIOR PILING DATE: 2000-03-24
| PRIOR FILING DATE: 2000-03-24
| PRIOR FILING DATE: 2000-03-24
| NUMBER OF SEQ ID NOS: 545
| SOPTWARE: FASTESQ for Windows Version 4.0
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; Publication No. US20030068273A1
; General INFORMATION:
; APPLICANT: Leyland-Jones, Brian
; TITLE OF INVENTION: Immunosuppressants
; FITLE OF INVENTION: Immunosuppressants
; FILE REFERENCE: 3298,1004-000
; CURRENT APPLICATION NUMBER: US/10/100,556
; CURRENT PILING DATE: 2002-03-14
; PRIOR APPLICATION NUMBER: US 60/275,489
; PRIOR APPLICATION NUMBER: US 60/275,489
; RILING DATE: 2001-03-14
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE PASSEQ for Windows Version 4.0
; LENGTH: 21
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0.7%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3;
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ORGANISM: Artificial Sequence
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                Sequence 25, Application US/10100218
PUblication No. US20030072710A1
GENERAL INFORMATION:
APPLICANT: Leyland-Jones, Brian
TITLE OF INVENTION: Individualization of Therapy with
TITLE OF INVENTION: Antidepressants
FILE REFERENCE: 2298.1005-000;
CURRENT APPLICATION NUMBER: US/10/100,218
CURRENT APPLICATION NUMBER: US/10/100,218
FILE REFERENCE: 2002-03-14
PRIOR APPLICATION NUMBER: US 60/275,490
PRIOR APPLICATION NUMBER: US 60/275,490
PRIOR APPLICATION NUMBER: 2001-03-14
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 21
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Sequence 25, Application US/10134296

Publication No. US20030073133A1

GENERAL INFORMATION:
APPLICANT: Brian Leyland-Jones

TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
TITLE OF INVENTION: ERRCTILE DYSFUNCTION AGENTS
FILE REFERENCE: 3229.1012-000

CURRENT APPLICATION NUMBER: US/10/134,296

CURRENT APPLICATION NUMBER: 60/226,
PRIOR PILING DATE: 2001-04-26

PRIOR FILING DATE: 2001-04-26
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Sequence 25, Application US/10141533

Publication No. US2030077222A1

SERENAL INFORMATION:

APPLICANT: Leyland-Jones, Brian

ITILE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Sequence to be used as a Primer US-10-100-218-25
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US-10-134-296-25
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 21
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ORGANISM: Artificial Sequence
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US-10-100-218-25
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| Publication No US20030091975A1
| GENERAL INFORMATION:
| TITLE OF INVENTION: MULTIPLE DETERMINANTS FOR METABOLIC
| TITLE OF INVENTION: PHENOTYPES
| TITLE OF INVENTION: PHENOTYPES
| FILE REFERENCE: 3298.1001-000
| CURRENT APPLICATION NUMBER: US/10/072,611
| CURRENT APPLICATION NUMBER: (0/26/7,472
| PRIOR FILING DATE: 2001-02-09
| NUMBER OF SEQ ID NOS: 25
| SEQ ID NO 23
| LENGTH: 21
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US-10-135-185-25
s Gequence 25, Application US/10135185
s Publication No. US20030108484A1
cGENERAL INFORMATION:
TITLE OF INVENTION: INDIVIDUALIZATION OF THERAPY WITH
TITLE OF INVENTION: ANTINEOPLASTIC AGENTS
FILE REFERENCE: 3298.1013-000
CURRENT FILING DATE: 2002-04-29
PRIOR APPLICATION NUMBER: 06/287,014
PRIOR FILING DATE: 2001-04-30
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 4.0
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0.7%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3;
TITLE OF INVENTION: ANALGESICS
FILE REFERENCE: 3298-1014-000
CURRENT APPLICATION NUMBER: US/10/141,533
CURRENT FILING DATE: 2002-05-07
PRIOR APPLICATION NUMBER: 60/288,786
PRIOR FILING DATE: 2001-05-07
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 21
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JAPALICANT: LACALION:
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JAPALICANT: LACALION:
JAPALICANT: LACALION: USE OF METABOLIC PHENOTYPING IN
JAPALICANION: INDIVIDIALIZED TREATMENT WITH AMONAFIDE
JAPALICANION: 1298-11003-000
JAPALICANION NUMBER: US/10/087,996
JAPALICANION NUMBER: 60/271,714
JAPALOR FILING DATE: 2001-02-28
JAPALOR FILING DATE: 2001-02-28
JAPALOR FILING DATE: 2001-02-28
JAPALOR FILING DATE: Windows Version 4.0
JAPALOR DESCRIPTION NUMBER: FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER FASTER
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Pred. No. 1.3e+03;
0; Mismatches 3; Indels
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                                      Indels
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TITLE OF INVENTION: ALCHEIMER'S DISEASE AGENTS
TITLE OF INVENTION: ALCHEIMER'S DISEASE AGENTS
FILE REFERENCE: 3298.1016-000
CURRENT FILING DATE: 2002-06-06
CURRENT FILING DATE: 2002-06-06
PRIOR PILING DATE: 2001-06-06
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 21
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3;
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Pred. No. 1.3e+03;
0; Mismatches 3;
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; Sequence 25, Application US/10087996
; Publication No. US20030138377A1
; GENERAL INFORMATION:
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// Publication No. US20030138375A1
// GENERAL INFORMATION:
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Best Local Similarity 85.7%;
Matches 18; Conservative (
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Best Local Similarity 85.7%;
Matches 18; Conservative
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ORGANISM: Artificial Sequence
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OTHER INFORMATION: Primer US-10-164-854-25
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Publication No. US2030134272A1
GENERAL INFORMATION:
APPLICANT: Universiteit Gent
TITLE OF INVENTION: Improved mutation analysis of the NF1 Gene
FILE REBEREBRENCE: UG-005-PCT
CURRENT APPLICATION NUMBER: US/10/128,560
CURRENT FILING DATE: 2002-04-18
PRIOR FILING DATE: 1999-10-18
PRIOR FILING DATE: 1999-10-18
PRIOR PLING DATE: 2000-06-05
PRIOR PLING DATE: 2000-06-05
PRIOR PLING DATE: 2000-06-16
PRIOR PLING DATE: 2000-06-16
SPRIOR FILING DATE: 2000-06-16
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                                                                                                                                                                                                                                                  Query Match 0.7%; Score 16.2; DB 1; Length 21; Best Local Similarity 85.7%; Pred. No. 1.3e+03; Matches 18; Conservative 0; Mismatches 3; Indels
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TITLE OF INVENTION: INDIVIDIALIZATION OF THERAPY WITH
TITLE OF INVENTION: ANTIARRHYTHMICS
FILE REPERBUE: 3298.1008-000
CURRENT APPLICATION NUMBER: US/10/125,693
CURRENT APPLICATION NUMBER: 00/284.191
PRIOR APPLICATION NUMBER: 60/284,191
PRIOR FILING DATE: 2001-04-18
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FASESEQ for Windows Version 4.0
LENGTH: 21
                                                                                                FEATURE:

OTHER INFORMATION: Sequence to be used as a Primer

US-10-135-185-25
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, Sequence 23, Application US/10125693
; Publication No. US20030124636A1
; GENERAL INFORMATION:
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                                  TYPE: DNA
ORGANISM: Artificial Sequence
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LENGTH: 21
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                  Sequence 25, Application US/10100230
; Publication No. US20030170176A1
; GENERAL INFORMATION:
    APPLICANT: Legyland-Jones, Brian
    TITLE OF INVENTION: Individualization of Therapy with
    TITLE OF INVENTION: Antipsychotics
    FILE REFERENCE: 3298.1006-000
    CURRENT APPLICATION NUMBER: US/10/100,230
    FILE REPERIOR SETE: 2002-03-14
    FRIOR APPLICATION NUMBER: US 60/275,462
    FRIOR FILING DATE: 2001-03-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
APPLICANT: Leyland-Jones, Brian
TITLE OF INVENTION: Individualization of Therapy with
TITLE OF INVENTION: Anxiolitics
FILE REFERENCE: 3298.1007-000
CURRENT APPLICATION NUMBER: US/10/100,272
CURRENT FILING DATE: 2002-03-14
PRIOR PILING DATE: 2002-03-14
PRIOR FILING DATE: 2001-03-14
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US-10-325-466-25
Sequence 25, Application US/10325466
Publication No. US20030180823A1
GENERAL INFORMATION:
APPLICANT: Leyland-Jones, Brian
TITLE OF INVENTION: Antihistamines
TITLE OF INVENTION: Antihistamines
TITLE OF INVENTION: Antihistamines
FILE REPERENCE: 3298.1020-000
GURRENT APPLICATION NUMBER: US/10/325,466
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Sequence to be used as a primer US-10-100-230-25
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0.7%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3;
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SOFTWARE: FaetSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 21
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SOFTWARE FREUSEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 21
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Publication No. US20030175210A1
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US-10-100-272-25
US-10-100-230-25
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Sequence 339, Application US/10165099
Publication No. US20030188326A1
General Information:
Fublication No. US20030188326A1
General Information:
APPLICANT: D'Andrea, Alan
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY OF INVENTION: DEFECTIVE DNA REPAIR MECHANISMS AND TREATMENT THEREOF
TITLE OF INVENTION: DEFECTIVE DNA REPAIR MECHANISMS AND TREATMENT THEREOF
TITLE OF INVENTION: DATE: 2002-06-06
CURRENT APPLICATION NUMBER: US 509/998,027
FRIOR APPLICATION NUMBER: US 60/245,756
FRIOR PEDICATION NUMBER: US 60/245,756
FRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 352
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Sequence 25, Application US/10151467A

Publication No. US2030186339A1

GENERAL INFORMATION:

TITLE OF INVENTION: Individualization of Therapy with

TITLE OF INVENTION: Individualization of Therapy with

TITLE OF INVENTION: Antibiotic Agents

FILE REFERENCE: 3298.1015-000

CURRENT APPLICATION NUMBER: US/10/151,467A

CURRENT PILING DATE: 2002-05-17

PRIOR FILING DATE: 2001-05-17

NUMBER OF SEQ ID NOS: 25

SOFTWARE: PASLEED OF Windows Version 4.0

SEQ ID NO 25

LENGTH: 21
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0.7%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3;
CURRENT FILING DATE: 2002-12-19
PRIOR APPLICATION NUMBER: 60/340,827
PRIOR FILING DATE: 2001-12-19
NUMBER OF SEQ ID NOS: 25
SOFTWARE: FASISEQ for Windows Version 4.0
SEQ ID NO 25
LENGTH: 21
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Matches 18; Conservative
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US-10-165-099-339
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85.7%; Pred. No. 1.3e+03;
tive 0; Mismatches 3; Indels
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        Best Local Similarity 85.7
Matches 18; Conservative
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Best Local Similarity
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LENGTH: 21
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Fublication No. US20030190671A1

GENERAL INFORMATION:

APPLICANT: Leyland-Jones, Brian

TITLE OF INVENTION: USE OF METABOLIC PHENOTYPING IN

TITLE OF INVENTION: INDIVIDUALIZED TREATMENT WITH AMONAFIDE

FILE REFERENCE: 3208.1003-001

CURRENT APPLICATION NUMBER: US/10/124,747

CURRENT APPLICATION NUMBER: 10/087,996

PRIOR FILING DATE: 2002-02-28

PRIOR FILING DATE: 2001-02-28

NUMBER OF SEQ ID NOS: 25

SOFTWARE FREEENEY (INDIA) NOWER: 10/087,916

PRIOR FILING DATE: 2001-02-28

SOFTWARE FREEENEY (INDIA) NUMBER: 2001-02-28

SOFTWARE FREEENEY (INDIA) NUMBER: 2001-02-28

SOFTWARE FREEENEY (INDIA) NOWER: 2001-02-28

SOFTWARE FREEENEY (INDIA) NUMBER: 2001-02-28
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                                                                                                                                                              0.7%; Score 16.2; DB 1; Length 21; 85.7%; Pred. No. 1.3e+03; tive 0; Mismatches 3; Indels
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; Sequence 25, Application US/10307204
; Publication No. US20030195350A1
; GENERAL INFORMATION:
    TITLE OF INVENTION: Individualization of Therapy with
    TITLE OF INVENTION: Individualization of Therapy with
    TITLE OF INVENTION: Antivital Agents
; FILE REPERBERS: 3287.1004-000
; CURRENT APPLICATION NUMBER: US/10/307,204
; CURRENT APPLICATION NUMBER: US/10/307,204
; RIOR APPLICATION NUMBER: 002-11-27
; RIOR PILING DATE: 2001-11-28
; NUMBER OF SEC ID NOS: 25
; SOFTWARE: FastSEC for Windows Version 4.0
; SEC ID NO 25
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US-10-307-204-25
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TYPE: DNA ORGANISM: Artificial sequence
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Matches 18; Conservative
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APPLICANT: Parell, Sean
APPLICANT: Charmley, Partrick R.
APPLICANT: Charmley, Partrick R.
APPLICANT: Uitterlinden, Andreas Gerardus
TITLE OF INVENTION: ASSOCIATION OF POLYMORPHISMS IN THE SOST
TITLE OF INVENTION: ASSOCIATION OF POLYMORPHISMS IN THE SOST
TITLE OF INVENTION: ASSOCIATION WITH BONE MINERAL DENSITY
FILE REFERENCE: 240083.525
CURRENT FILING DATE: 2003-04-03
NUMBER OF SEQ ID NOS: 34
SOSTWARE PARESEQ for Windows Version 4.0
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Publication No. US20040084667A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: Individualization of Therapy with
TITLE OF INVENTION: Anticoagulants
FILE REFREENCE: 3297.1005.00

CURRENT APPLICATION NUMBER: US/10/607,848

CURRENT PILING DATE: 2003-06-27

PRIOR APPLICATION NUMBER: 60/391,976

PRIOR APPLICATION NUMBER: 60/391,976

PRIOR APPLICATION NUMBER: 2002-06-28

NUMBER OF SEQ ID NOS: 25

SOFTWARE: PRESEC FOR Windows Version 4.0

SEQ ID NO 25

LENGTH: 21
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US-10-607-848-25
                                                   2270 GACAGGGTTTCACCGTGTTAG 2290
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APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REPERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
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Sequence 20362, Application US/10786720
Publication No US20040191818A1
Sequence 20362, Application No US20040191818A1
SEQUENCE INVERTION:
APPLICANT: O'Toole, Margot
APPLICANT: I.u. Wei
APPLICANT: I.u. Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: DISBASES
FILE REFERENCE: 031896-023000 (AM101331L.)
CURRENT PAPLICATION NUMBER: US/10/786,720
CURRENT PLING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE PALENTIN Version 3.2
SEQ ID NO 20362
LENGTH: 21
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0.7%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3;
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 13919
LENGTH: 21
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SOFTWARE: Patentin version 3.2
SEQ ID NO 20179
LENGTH: 21
                                                                                                                                                                         ; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-13919
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ORGANISM: Homo sapiens
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CRGANISM: Homo sapiens
US-10-786-720-20362
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Best Local Similarity
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US-10-786-720-20179/c
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US-10-786-720-20362/c
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APPLICANT: 0'TOOLE, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L.)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 13252
LENGTH: 21
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                                                          Sequence 25, Application US/10307210
Publication No. US20040101477A1
GENERAL INFORMATION:
JAPPLICATION No. US20040101477A1
GENERAL INFORMATION:
JAPPLICAMT: Leyland-Jones, Brian
TITLE OF INVENTION: Individualization of Therapy with
TITLE OF INVENTION: Anesthetics
JTLE OF INVENTION: Anesthetics
CURRENT APPLICATION NUMBER: US/10/307,210
CURRENT APPLICATION NUMBER: 60/333,486
PRIOR APPLICATION NUMBER: 60/333,486
PRIOR FILING DATE: 2001-11-28
NUMBER OF SEQ ID NOS: 25
SECTION SECURED NOS: 25
SECTION SECURED NOS: 25
SECUENT: EBENERO FOR Windows Version 4.0
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GENERAL INFORMATION:
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CORGANISM: Homo sapiens
US-10-786-720-13252
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US-10-786-720-13252/c
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US-10-786-720-13919
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: DISEASES
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896 023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTMARE: Patentin version 3.2
SEQ ID NO 20456
LENGTH: 21
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Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US/2003-01-06
PRIOR FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
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APPLICANT: Brown, Bugene
APPLICANT: Brown, Bugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILLE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
FILLE APPLICATION NUMBER: US/10/751,736
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILLING DATE: 2003-01-06
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Best Local Similarity 57.1%; Pred. No. 1.36
Matches 12; Conservative 6; Mismatches
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SOFTWARE: Patentin version 3.2
SEQ ID NO 4129
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   O'Toole, Margot
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; ORGANISM: homo sapiens
US-10-751-736-4129
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US-10-751-736-4129
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US-10-786-720-20371/c
Sequence 20371, Application US/10786720
Fublication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: O'TO-le, Margot
APPLICANT: O'TO-le, Margot
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Sequence 20368, Application US/10786720
Sequence 20368, Application US/10786720
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Weit
APPLICANT: Liu, Weit
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
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85.7%; Pred. No. 1.3e+03;
tive 0; Mismatches 3; Indels
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85.7%; Pred. No. 1.3e+03;
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FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SEQ ID NO 20368

LENGTH: 21
Mismatches
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                                                              2297 TGGTCTCGATCTCCTGACCTC 2317
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Best Local Similarity 85.77
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 85.7
Matches 18; Conservative
Conservative
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US-10-786-720-20368
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 1316
US-10-786-720-20456
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 20371
LENGTH: 21
18;
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Matches
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RESULT 1321
US-10-751-736-23456
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US-10-751-736-23636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ORGANISM: RNAi
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: RNA
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US-10-751-736-4616
is Sequence 4616, Application US/10751736
is Sequence 4616, Application US/10751736
is Sequence 4616, Application US/10751736
is Publication No. US20040265230A1
is Publication No. US20040265230A1
is APPLICANT: Martinez, Robert
is APPLICANT: Martinez, Robert
is APPLICANT: Martinez, Robert
is APPLICANT: Liu, Wach
is TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
it TITLE OF INVENTION: CANCERS
it TILE REPERBNCE: AM100927 (031896-002000)
is CURRENT FILING DATE: 2003-01-06
is PRIOR PAPLICATION NUMBER: US Provisional Application 60/438,000
is NUMBER OF SEQ ID NOS: 54873
is SOFT IN NO 4616
is LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCENS
FILE REPERBUCE: AM100327 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
FRIOR PILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: PALENTIN version 3.2
SEQ ID NO 5110
LENGTH: 21
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                                                                                                                                                                     0.7%; Score 16.2; DB 1; Length 21; 85.7%; Pred. No. 1.38+03; live 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; Sequence 5110, Application US/10751736; Publication No. US20040265230A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                    2292 CAGGATGGTCTCGATCTCCTG 2312
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SEQ ID NO 4609
LENGTH: 21
NUMBER OF SEQ ID NOS: 54873
                                                                                                                                                                Query Match 0.7
Best Local Similarity 85.7
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 0.7
Best Local Similarity 61.9
Matches 13; Conservative
                                                                             TYPE: DNA; ORGANISM: homo sapiens
US-10-751-736-4609
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA; ORGANISM: homo sapiens
US-10-751-736-5110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-4616
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Sequence 23456, Application US/10751736

| Sequence 23456, Application No. US20040265230A1
| SENERAL INFORMATION:
| APPLICANT: Wyeth
| APPLICANT: Wyeth
| APPLICANT: Wyeth
| APPLICANT: Wyeth
| APPLICANT: Liu, Wein
| TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
| TITLE OF INVENTION: CANCERS
| FILE REFERENCE: AMI00927 (031896-002000)
| CURRENT FILING DATE: 2003-01-06
| PRIOR PAPLICATION NUMBER: US Provisional Application 60/438,000
| PRIOR PRILICATION NUMBER: US Provisional Application 60/438,000
| PRIOR PRILICATION NUMBER: 2003-01-06
| NUMBER OF SEQ ID NOS: 54873
| SEQ ID NO 24456
| LENGTH: 21
| LENGTH: 21
| LENGTH: 21
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APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM100927 (031996-002000)
CURRENT APPLICATION NUMBER: US /10/751, 736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
SEQ ID NO 22636
LENGTH: 21
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Query Match

0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3; Indels
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52.4%; Pred. No. 1.3e+03;
tive 7; Mismatches 3;
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GENERAL INFORMATION:
                                                                                                             2144 GATCTTGGCTCACTGCAAGCT 2164
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Best Local Similarity 52.4<sup>a</sup>
Matches 11; Conservative
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APPLICANT: Wattinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Erown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR PRILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
                                                   APPLICANT: Martinez, Robert
APPLICANT: Brown, Bugene
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
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APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
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CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR FILING DATE: US Provisional Application 60/438,000
PRIOR FILING SEQ ID NOS: 54873
SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 21;
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Pred. No. 1.3e+03;
0; Mismatches 3;
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0.7%; Score 16.2; DB 1;
Best Local Similarity 85.7%; Pred. No. 1.3e+03;
Matches 18; Conservative 0; Mismatches 3;
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US-10-751-736-43696/c
i. Sequence 43696, Application US/10751736
i. Publication No. US20040265230A1
j. GENERAL INFORMATION:
APPLICANT: Wyeth
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2352 GATTACAGGCATGAGCCACCG 2372
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1331 AATCTCTGAGAAAGCCAAACT 1351
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 AATCTATGAGAAAGCCATTCT 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.77
Best Local Similarity 85.77
Matches 18, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                         ; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-41110
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: DNA
ORGANISM: homo sapiens
GENERAL INFORMATION:
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LENGTH: 21
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LENGTH: 21
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Sequence 24004, Application US/10751736
Publication No. US20040265230A1

Sequence 24004, Application US/10751736

Publication No. US20040265230A1

APPLICANT: Wyeth
APPLICANT: Wath
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM10027 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US Provisional Application 60/438,000

PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

PRIOR PILING DATE: 2003-01-06

NUMBER OF SEQ ID NOS: 54873

SEQ ID NO 24004

LENGTH: 21

LENGTH: 21

LENGTH: 21
                                                                                                                    Sequence 23933, Application US/10751736
| Publication No. US20040265230A1
| Publication No. US20040265230A1
| GENERAL INFORMATION:
| APPLICANT: Wyear
| APPLICANT: Brown, Eugene
| APPLICANT: How, Wei
| APPLICANT: ALM, Wei
| TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
| TITLE OF INVENTION: CANDERS
| TITLE OF INVENTION: CANDERS
| TITLE OF INVENTION: CANDERS
| TITLE OF INVENTION CANDERS: US/10/751,736
| CURRENT APPLICANTON NUMBER: US/10/751,736
| CURRENT APPLICATION NUMBER: US Provisional Application 60/438,000
| PRIOR APPLICATION ON PRIOR PRIOR PRIOR SEQ ID NOS: 54873
| SOFTWARE: PATENTIN VERSION 3.2
| LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0.7%; Score 16.2; DB 1; Length 21; 85.7%; Pred. No. 1.3e+03; ative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                US-10-751-736-41110
; Sequence 41110, Application US/10751736
; Publication No. US20040265230A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2100 GAGACCGAGTCTTGCTCTGTT 2120
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Best Local Similarity 85.77
Matches 18; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TYPE: DNA ORGANISM: homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-23933
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TYPE: DNA
ORGANISM: Homo sapiens
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US-09-739-909-11
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                                                                                                 US-09-739-909-8
  SEQ ID NO 8
LENGTH: 16
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Matches
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APPLICANT: Myeth
APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Liu, Weth
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AMIO927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US/10/751,736
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARR: PatentIn version 3.2
SEQ ID NO 43822
LENGTH: 21
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; Sequence 8, Application US/09739909
; Publication No. US20030022163A1
; GENERAL INFORMATION:
APPLICANT: Mandrekar, Michelle N.
APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US PPO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 1999-07-21
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/358,316
; RIUNG BAPE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn Ver. 2.1
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               CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
SEQ ID NO 43696
LENGTH: 21
                                                                                                                                                                                                                                                                                                                       Query Match 0.7%; Score 16.2; DB 1; Length 21; Best Local Similarity 85.7%; Pred. No. 1.3e+03; Matches 18; Conservative 0; Mismatches 3; Indels
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FILE REFERENCE: AM100927 (031896-002000)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 43822, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                       2098 TTGAGACCGAGTCTTGCTCTG 2118
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; ORGANISM: homo sapiens
US-10-751-736-43696
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ORGANISM: homo sapiens
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| Sequence 44, Application US/10124038 |
| Sequence 44, Application WS/10124038 |
| Publication No. US20030082572A1 |
| Publication No. US20030082572A1 |
| APPLICANT: Spier, Eugene |
| APPLICANT: Boyd, Victoria L |
| TITLE OF INVENTION: Methods and Compositions for Nucleotide Analysis |
| TITLE OF INVENTION: Methods and Compositions for Nucleotide Analysis |
| CURRENT TILING DATE: 2002-07-25 |
| PRIOR APPLICATION NUMBER: US 60/284,409 |
| PRIOR FILING DATE: 2001-04-16 |
| NUMBER OF SEQ ID NOS: 49 |
| SOFTWARE: PatentIn version 3.1 |
| LENGTH: 16 |
                                                                                                                                                                                                                                                                            Sequence 11, Application US/09739909
Publication No. US20030022163A1
GENERAL INFORMATION:
APPLICANT: Mandrekar, Michelle N.
APPLICANT: Tereba; Allan
APPLICANT: Thereba; Allan
APPLICANT: Shultz, John W.
TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
FILE REFERENCE: US CIP of PRO-104.0
CURRENT PILING DATE: 2000-12-15
PRIOR PILING DATE: 1999-07-21
PRIOR PILING DATE: 1999-07-21
PRIOR FILING DATE: 1999-07-21
PRIOR FILING DATE: 1999-08-25
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 11
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; OTHER INFORMATION: Description: synthesized oligonucleotide primer
US-10-124-038-44
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  Length 16;
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Query Match
0.7%; Score 16; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 0;
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                                                                                                        2126 GGCTGGAGTGCAGTGG 2141
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ORGANISM: Artificial Sequence
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Best Local Similarity
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APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: HERMIDO FOR GENERATING FIVE PRIME BIASED TANDEM TAG
TITLE OF INVENTION: LIBRARIES OF CDNAS
FILE REPERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PATENTIN Ver. 2.1
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100.0%; Pred. No. 1.4e+03;
tive 0; Mismatches 0; Indels
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100.0%; Pred. No. 1.4e+03;
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Sequence 124, Application US/10478019
Publication No. US20040248830A1
GENERAL INFORMATION:
APPLICANT: Immusol Incorporated
APPLICANT: Tritz, Richard
APPLICANT: Reily, Benjamin
APPLICANT: Habita, Cellia
APPLICANT: Robbins, Joan
APPLICANT: Robbins, Joan
APPLICANT: Robbins, Joan
FILE REFERENCE: P-IMM 1001 US
CURRENT APPLICATION NUMBER: US/10/478,019
CURRENT FILING DATE: 2003-11-13
PRIOR APPLICATION NUMBER: BCT/US02/15198
PRIOR FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: US 60/290,927
PRIOR FILING DATE: 2001-05-14
NUMBER OF SEQ 1D NOS: 171
SOFTWARE: PatentIn version 3.1
SEQ ID NO 124
LENGTH: 16
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APPLICANT: Kent D. Taylor (Inventor); APPLICANT: Maren T. Scheuner (Inventor)
     Application US/10092885
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2294 GGATGGTCTCGATCTC 2309
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                         Publication No. US20030190618A1
GENERAL INFORMATION:
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ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo sapiens
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Matches 16; Conserv
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US-09-898-779-91/c
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Publication No. US20030190618A1
GENERAL INFORMATION:
APPLICANT: SAWAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
TITLE OF INVENTION: LIBRARIES OF CDNAS
TITLE OF LINGENION WHERE: US/10/092,885
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT PILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
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Sequence 42, Application US/10092885

Sequence 42, Application US/10092885

Publication No. US20030190618A1

SEQUENCE 11, VAN

APPLICANT: BARAL, BABRU

APPLICANT: HERNIDA, LEANDRO C.

APPLICANT: HOPPA, NANCY L.

APPLICANT: BABBE SABLE SOURS

FILE REFERENCE: 0109015/026

CURRENT APPLICATION NUMBER: US/10/92,885

CURRENT FILING DATE: 2002-03-06

NUMBER OF SEQ.ID NOS: 60

SOFTWARE: PALENTIN VET. 2.1

SEQ ID NO 42

LENGTH: 16
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0.7%; Score 16; DB 1; Le
Best Local Similarity 100.0%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 0;
Mismatches
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                                                2284 GTGTTAGCCAGGATGG 2299
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                                                                          1 GTGTTAGCCAGGATGG 16
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16; Conservative
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ORGANISM: Homo sapiens
US-10-092-885-42
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US-10-092-885-40/c
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US-10-092-885-49/c
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LENGTH: 16
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US-10-156-306-547
US-10-156-306-547
US-10-156-306-547
Sequence 547, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Exprantion Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT PAPLICANTON UMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SCOFTWARE PATENTIN VERSION 3.0
SEQ ID NO 547
LENGTH: 17
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GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of INFRAMM and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE PARENTIN SOFTWARE PARENTE (2002-05-28)
NUMBER OF SEQ ID NOS: 8013
SEQ ID NO 1654
LENGTH: 17
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68.8%; Pred. No. 1.3e+03;
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             SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                     1 UCUUGGCUCACUGCAA 16
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                                                                                                                                                                                      Query Match
Best Local Similarity 68.8
Matches 11; Conservative
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CORGANISM: Homo sapiens
US-10-156-306-547
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CRGANISM: Homo sapiens
US-10-156-306-1654
                                                                                                        ) ORGANISM: Homo sapiens
US-10-156-306-537
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                                 SEQ ID NO 537
LENGTH: 17
                                                                                     TYPE: RNA
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Publication No. US20030119017A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
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Publication No. US20030077629A1

GENERAL INFORMATION:

APPLICANT: Penny, Laura

APPLICANT: Penny, Laura

APPLICANT: Miller, Andrew

TITLE OF INVENTION: 2B15 (UGT2B15) Genes

FILE REFERENCE: SEQ-22PRV2

CURRENT APPLICATION NUMBER: US/10/205,522

CURRENT FILING DATE: 1999-07-20

NUMBER OF SEQ ID NOS: 164

SOCTWARE: PSECSEQ for Windows Version 3.0

SEQ ID NO 13

LENGTH: 17
APPLICANT: Jerome I. Rotter (Inventor APPLICANT: Hijving Yang (Inventor)
TITLE OF INVENTION: Genetic Test to Determine
TITLE OF INVENTION: Genetic Test to Determine
TITLE OF INVENTION: One US20020106657Al-responsiveness to Statin Drug Treatment
FILE REFERENCE: 18810-82302
CURRENT PPLING DATE: 2001-07-03
PRIOR APPLICATION NUMBER: 09/347,114
PRIOR RILING DATE: 1999-07-02
NUMBER OF SEQ ID NOS: 110
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 91
LENGTH: 17
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100.0%; Pred. No. 1.38+03;
ive 0; Mismatches 0; Indels
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Best Local Similarity 100.(
Matches 16, Conservative
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; ORGANISM: Homo sapiens
US-09-898-779-91
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US-10-205-522-13
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US-10-156-306-537
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Sequence 2890, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REPERENCE: MBH801-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
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87.5%; Pred. No. 1.38+03;
tive 2; Mismatches 0; Indels
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                                                                                                                                             0.7%; Score 16; DB 1; Length 17; 87.5%; Pred. No. 1.3e+03;
                                                                                                                                                                                              0; Indels
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Matches 14; Conservative
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; ORGANISM: Homo sapiens
US-10-156-306-2890
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CORGANISM: Homo sapiens
US-10-156-306-3777
                                              ; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1712
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Matches 14; Conserv
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US-10-156-306-2890
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US-10-156-306-3777
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LENGTH: 17
SEQ ID NO 1712
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Publication No. US20030119017A1
GENERAL INPORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A, 400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 1671
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: RIBOZYME Pharmaceuticals, Inc.
APPLICANT: MCSWiggen, James
APPLICANT: MCSWiggen, James
APPLICANT: MCSWiggen, James
APPLICANT: MCSWiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-damma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT APPLICATION NUMBER: US/202-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
                                 US-10-156-306-1659
Sequence 1659, Application US/10156306
Sequence 1659, Application US/10156306
Sequence 1659, Application US/20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION UNDRER: US/10/156,306
CURRENT APPLICANTON NUMBER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
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68.8%; Pred. No. 1.3e+03;
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Best Local Similarity 68.8
Matches 11, Conservative
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Best Local Similarity 68.8
Matches 11; Conservative
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US-10-156-306-1671
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US-10-156-306-1659
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Publication No. US20040221326A1
GENERAL INFORMATION
APPLICANT: Babi; Philip
APPLICANT: Yaworsky, Paul
APPLICANT: Bex, Frederick J. III
APPLICANT: Bodine, Peter Van Neet
TITLE OF INVENTION: Transgenic Animal Model of Bone Mass Modulation
                                                                                                                                                                                                                                                                                                        ; OTHER INFORMATION: Description of Artificial Sequence: DNA Primer
US-10-045-072-34
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Publication No. US20040176582A1
GENERAL INFORMATION:
APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Reference R.
APPLICANT: Reference R.
APPLICANT: Reference R.
APPLICANT: Reference Nobert R.
TITLE OF INVENTION: High bone mass gene of 11q13.3
FILE REFREENCE: 032796-013
CURRENT APPLICATION NUMBER: US/09/544,398B
FRIOR APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR PRING DATE: 1999-01-13
PRIOR FILING DATE: 1999-01-13
PRIOR FILING DATE: 1998-01-13
PRIOR APPLICATION NUMBER: US 60/101,449
PRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SEQ ID NO S: 641
LENGTH: 19
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                            CURRENT FILING DATE: 2002-01-15
PRIOR APPLICATION NUMBER: US 09/677,575
PRIOR FILING DATE: 2000-10-03
PRIOR FILING DATE: 1998-12-23
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin Ver. 2.0
LENGTH: 19
CURRENT APPLICATION NUMBER: US/10/045,072 CURRENT FILING DATE: 2002-01-15
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100.0%; Pred. No.
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100.0%;
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                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 16; Conservative
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US-10-731-739-222
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                                   Sequence 363, Application US/10238700

Publication No. US20030153521A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSWiggen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MBHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT FILING DATE: 2002-09-18
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR PILING DATE: 2001-09-10
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
LENGTH: 17
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APPLICANT: Sinskey, Anthony J.
APPLICANT: Lessard, Philis, Painlis, APPLICANT: Lessard, Philis, Land APPLICANT: Tribe OF INVENTION: Pyruvate Carboxylase from Corynebacterium glutamicum FILE REFERENCE: 1533.0790002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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100.0%; Pred. No. 1.3e+03;
tive 0; Mismatches 0; Indels
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Publication No. US20030096398A1
GENERAL INFORMATION:
APPLICANT: Choo, Kong-Hong Andy
APPLICANT: Cancilla, Michael R.
TITLE OF INVENTION: A NOVEL NUCLEIC ACID MOLECULE
FILE REFERENCE: Davies Col
CURRENT APPLICATION NUMBER: US/09/728,552
FRIOR PILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 09/078,294
PRIOR PILING DATE: 1998-05-13
NUMBER OF SEQ ID NOS: 29
SOFTWARE: Patentin Ver. 2.0
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Best Local Similarity 88.9%;
Matches 16; Conservative
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Matches 16; Conservative
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CORGANISM: Homo sapiens
US-10-238-700-363
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ORGANISM: DNA primer
US-09-728-552-2
                              US-10-238-700-363/c
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US-09-728-552-2/c
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Matches 16; Conservative
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                         APPLICANT: Ying, Vincent APPLICANT: Wu, Paul
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US-10-085-906-323
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Best Local Similarity
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Matches
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WESULT 15.22

Sequence 222, Application US/10680287A

PUBLication No. US2004244069A1

SEQUENCE 222, Application US/10680287A

SEQUENCE 222, Application US/10680287A

SERVERAL INFORMATION:

APPLICANT: Babij, Philip

APPLICANT: Back Frederick J. III

APPLICANT: Bodine, Peter Van Nest

TILLE OF INVENTYON: Transgenic Animal Model of Bone Mass Modulation

FILE REFERENCE: 032796-179

CURRENT APPLICATION NUMBER: US/10/680,287A

CURRENT APPLICATION NUMBER: US/10/680,287A

CURRENT APPLICATION NUMBER: US 60/290,071

PRIOR FILING DATE: 2001-05-13

PRIOR FILING DATE: 2001-05-11

PRIOR PRILING DATE: 2001-05-17

PRIOR PRILING DATE: 2001-05-17

PRIOR PRILING DATE: 2001-05-17

PRIOR PRILING DATE: 2002-02-01

PRIOR FILING DATE: 2002-02-01

PRIOR FILING DATE: 2002-02-01

PRIOR FILING DATE: 2002-02-01

PRIOR FILING DATE: 2002-03-04

NUMBER OF SEQ ID NOS: 812

SEOTTWARE PARLSEQ FOR Windows Version 4.0
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Pred. No. 1.3e+03;
FILE REFERENCE: 032796-212
CURRENT APPLICATION NUMBER: US/10/477,238A
CURRENT FILING DATE: 2003-11-10
PRIOR APPLICATION NUMBER: US 60/290,071
PRIOR FILING DATE: 2001-05-11
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2001-05-17
PRIOR FILING DATE: 2002-01
PRIOR FILING DATE: 2002-03-04
PRIOR FILING DATE: 2002-03-04
PRIOR FILING DATE: 2002-03-04
PRIOR FILING DATE: 2002-03-04
SCOFTWARE: PSECION NOS: 812
SOFTWARE: PSECION NOS: 812
SOFTWARE: PSECION NOS: 812
LENGTH: 19
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; Sequence 323, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
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; ORGANISM: Homo sapiens
US-10-680-287A-222
                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Homo sapiens
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JULIOUR SEQUENCE 15, Application US/10204254A

Sequence 15, Application US/10204254A

Publication No. US20030176649A1

GENERAL INFORMATION:

APPLICANT: VIKKULA, Mikka

TITLE OF INVENTION: UWGLOM gene and its mutations causing disorders with a vascular of PILE REPERENCE: DELCES9.001APC

CURRENT PILING DATE: 2002-08-16

PRIOR PELING DATE: 2001-02-16

PRIOR PELING DATE: 2000-02-16

PRIOR APPLICATION NUMBER: 00870022.1

PRIOR APPLICATION NUMBER: 60/195,777

PRIOR APPLICATION NUMBER: 60/195,777

PRIOR PELING DATE: 2000-04-10

PRIOR PILING DATE: 2000-14-10

PRIOR PELING DATE: 2000-14-10

PRIOR PELING DATE: 2000-14-10

SOFTWARE PATENTION NUMBER: 00870320.9

PRIOR PILING DATE: 2000-13-13

SOFTWARE PATENTION NUMBER: 0200-13-13

                                                                                                                                                                                                                                                                                                                 APPLICANT: Martinez, Robert
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: COMPOSITIONS
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SSQ ID NO 24458
LENGTH: 21
LENGTH: 21
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               Indels
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               Mismatches
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Sequence 22458, Application US/10751736
Publication No. US20040265230A1
GENERAL INPORMATION:
APPLICANT: Wyeth
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ORGANISM: Artificial Sequence
                                                                                         1 GGCUGGAGUGCAGUGG
                                                          2126 GGCTGGAGTGCAGTGG
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Best Local Similarity 100.C
Matches 16; Conservative
               13; Conservative
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US-10-204-254A-15/c
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               Matches
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Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Diu, Weit
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: DISEASES
FILE REPERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: 18/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SSOFTWARE: Patentin version 3.2
SSOFTWARE: Patentin version 3.2
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Sequence 20622, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: D.10, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SOFTWARE: PatentIn version 3.2
LENGTH: 21
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Pred. No. 1.3e+03;
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0.7%; Score 16; DB 1; Lv
Best Local Similarity 100.0%; Pred. No. 1.3a+03;
Matches 16; Conservative 0; Mismatches 0;
                                                                                                                                                                                                  ; OTHER INFORMATION: Antisense Oligonucleotide US-10-148-355A-64
PRIOR APPLICATION NUMBER: 09/467,642
PRIOR FILING DATE: 1999-12-17
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 64
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-20622
                                                                                                                                                                                                                                                                                                                                                                          2126 GGCTGGAGTGCAGTGG 2141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        2356 ACAGGCATGAGCCACC 2371
                                                                                                                             TYPE: DNA
ORGANISM: Artificial Sequence
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; ORGANISM: RNAi-sense strand
US-10-786-720-20627
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RESULT 1355
US-10-786-720-20622/c
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APPLICANT: HERVY, MARTIAL

APPLICANT: SUBRA, FREDERIC

TITLE OF INVENTION: PHARMACEUTICAL COMPOSITION FOR THE DIAGNOSIS,

TITLE OF INVENTION: PREVENTION OR TREATMENT OF A TUMORAL PATHOLOGY

TITLE OF INVENTION: COMPRISING AN AGENT MODULATING THE POLYMERIZATION STATE

TITLE OF INVENTION: OF ACTIN

FILE REFERENCE: 1417-03

CURRENT APPLICATION NUMBER: US/10/740,266

CURRENT PILING DATE: 2002-06-18

FRIOR PILING DATE: 2002-06-18

FRIOR PILING DATE: 2001-06-18

FRIOR FILING DATE: 2001-06-18

NUMBER OF SEQ ID NOS: 4

SOFTWARE: PATENTIN UVEN: 3.2
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US-10-740-266-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 19;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 19;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 15.8; DB 1;
Pred. No. 1.4e+03;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match

0.7%; Score 15.8; DB 1;
Best Local Similarity 89.5%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 2;
                                               FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 242:
                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUTICATION INPORMATION:
TELEPHONE: (703)816-4100
INFORMATION FOR SEQ ID NO: 242:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
                                                                                                                                                                                                                                              NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2234 CACCACACCTGGCTAATTT 2252
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 1, Application US/10740266
; Publication No. US20040131230A1
; GENERAL INFORMATION:
APPLICANT: AMSELLEM, VALERIE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                19 CACCATGCCTGGCTAATTT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        19 ATGGCCAAACAGGATATCT 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 89.5%;
Matches 17; Conservative
       PRIOR APPLICATION DATA:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 1
LENGTH: 19
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                                                                                                                                  Sequence 64, Application US/10204254A

Sequence 64, Application US/10204254A

Publication No. US20030176649A1

GENERAL INFORMATION

TITLE REPERENCE: DELCES9.001APC

FILE REPERENCE: DELCES9.001APC

CURRENT APPLICATION NUMBER: US/10/204,254A

CURRENT FILING DATE: 2002-08-16

PRIOR APPLICATION NUMBER: 00870022.1

PRIOR PILING DATE: 2000-02-16

PRIOR PILING DATE: 2000-02-16

PRIOR PILING DATE: 2000-04-10

PRIOR PILING DATE: 2000-04-10

PRIOR FILING DATE: 2000-04-10

PRIOR FILING DATE: 2000-04-10

PRIOR FILING DATE: 2000-14-10

PRIOR FILING DATE: 2000-14-10

PRIOR FILING DATE: 2000-14-10

PRIOR FILING DATE: 2000-14-10

NUMBER OF SEQ ID NOS: 153

SOFTWARE: PATCHIN VERSION 3.1
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STREET: 1100 No. US20030181660Alth Glebe Road, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide US-10-204-254A-64
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APPLICANT: Todd, John W

Caskey, Charles T

Cox, Roger D

Gerhold, David

Hammond, Holly

Hey, Patricia

Kawaguchi, Yoshihiko

Merriman, Tony R

Mezker, Michael L

TITLE OF INVENTION: No. US20030181660Alel LDL-Receptor

NUMBER OF SEQUENCES: 455

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 0.7%; Score 15.8; DB 1; Length 19; Best Local Similarity 89.5%; Pred. No. 1.4e+03; Matches 17; Conservative 0; Mismatches 2; Indels
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APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 242, Application US/10331907
Publication No. US20030181660Al
GENERAL INFORMATION:
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19 GGGTTCACGCCATTCTCCT 1
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ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CITY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-10-331-907-242/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQ ID NO 64
LENGTH: 19
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                                                                                                      APPLICANT: Schumm, James W.
APPLICANT: Schumm, Jeffery W.
Bacher, Jeffery W.
TITLE OF INVENTION: MATERIALS AND METHODS FOR REPEAT DNA MARKERS
REPEAT DNA MARKERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Gaps
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Patent No. US20020045588A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: William Gaarde
APPLICANT: Sugan M. Freier
APPLICANT: Edward V. Wancewicz
APPLICANT: Sugan M. Freier
APPLICANT: Sugan M. Freier
APPLICANT: Sugan M. Freier
APPLICANT: Sugan M. Freier
APPLICANT: Sugan M. Freier
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APPLICANT: Sugan M. Freier
APPLICANT: Sugan M. Freier
APPLICANT: Sugan M. Freier
                                                                                                                                                                                                                                                                                                                                                                CITY: Madison
STATE: Wisconsin
COUNTRY: U.S.A.
ZIP: 53711-5399
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb
COMPUTER: IBM compartible PC
OOFTWARE: Ward 97 (DOS text format)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NAME: Grady J. Frenchick
REGISTRATION NUMBER: 29,018
REFERENCE/DOCKET NUMBER: 16026.9180
TELECOMMUNICATION INFORMATION:
TELEPHONE: (608) 257-3501
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/784,423
FILING DATE: 15-Feb-2001
CLASSIFICATION: <UNKNOWN>
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CURRENT FILING DATE: 2000-12-07
PRIOR APPLICATION NUMBER: 09/572,423
PRIOR FILING DATE: 2000-05-16
NUMBER OF SEQ ID NOS: 108
SEQ ID NO 75
TENCTH: 20
TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TOPOLOGY: Linear SEQUENCE DESCRIPTION: SEQ ID NO: 120
                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES: 147
CORRESPONDENCE ADDRESS:
ADDRESSE: Promega Corporation
STREET: 2800 Woods Hollow Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PRIOR APPLICATION DATA:

**RAPLICATION NUMBER: 09/018,584

**FLING DATE: 04-Feb-1998

ATTORNEY/AGENT INFORMATION:
                          Sequence 120, Application US/09784423
Patent No. US20020012924A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2099 TGAGACCGAGTCTTGCTCT 2117
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SEQUENCE CHARACTERISTICS:
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STRANDEDNESS: Single
US-09-784-423-120/c
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APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
FILTE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/09/657,346
PRIOR PILING DATE: 2000-09-07
PRIOR FILING DATE: 2000-09-07
SEQ ID NO 52
LENGTH: 20
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0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2. Tndal.
                                                                                                                                                             Indels
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Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2;
                                                                                                            Score 15.8; DB 1;
Pred. No. 1.3e+03;
0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION
APPLICANT: Brunkow, Mary
APPLICANT: Proll, Sean
APPLICANT: Paeper, Bryan
APPLICANT: Stachling-Hampton, Karen
APPLICANT: Stachling-Hampton, Karen
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REPERENCE: 240083.515
CURRENT FPLING DATE: 2001-07-30
NUMBER OF SEQ ID NOS: 105
SOFTWARE: Fast-SEQ for Windows Version 4.0
SEQ ID NO 83
LENGTH: 20
                                            ; OTHER INFORMATION: Antisense Oligonucleotide US-09-733-294A-75
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ; OTHER INFORMATION: Antisense Oligonucleotide US-09-800-631-52
                                                                                                                                                                                                        2270 GACAGGGTTTCACCGTGTT 2288
                                                                                                                                                                                                                                                                                                                                                                   Sequence 83, Application US/09918686
Patent No. US20020076720A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2302 TCGATCTCCTGACCTCGTG 2320
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; Patent No. US200200802228A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
                                                                                                                                                                                                                                                    1 GATAGGGTTTCACCATGTT 19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: PCR primer
ORGANISM: Artificial Sequence
                                                                                                            Query Match 0.7%;
Best Local Similarity 89.5%;
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                 RESULT 1364
US-09-918-686-83/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-09-918-686-83
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Sequence 107, Application US/09771933
; Publication No. US20030023387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; TITLE OF INVENTION: Factors
; TITLE OF INVENTION: Factors
; CURRENT APPLICATION UNBER: US/09/771,933
; CURRENT FILING DATE: 2001-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
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US-09-771-933-107
  89.5%; Pred. No. 1.3e+03;
tive 0; Mismatches 2; Indels
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Pred. No. 1.3e+03;
0; Mismatches 2;
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Sequence 7, Application US/09998716

Publication No. US20030126628A1

GENERAL INFORMATION:
APPLICANT: Avigenics, Inc
TITLE OF INVENTION: Chicken Ovomucoid
FILE REFERENCE: A181 B170

CURRENT FILING DATE: 2001-11-30

NUMBER OF SEQ ID NOS: 28

SOFTWARE: Patentin version 3.0

SEQUENCE: SEQ ID NO 7

LENGTH: 20
                                                                           1420 CCAGAGAGTCATGTGTTGA 1438
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; Sequence 25, Application US/10143266
; Publication No. US20030108887A1
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US-09-998-716-7
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ORGANISM: Artificial Sequence
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Best Local Similarity 89.5%;
Matches 17; Conservative
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Best Local Similarity 89.5
Matches 17; Conservative
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Sequence 2, Application US/09962059;
Publication No. US20030007955A1
; GENERAL INFORMATION:
APPLICANT: Remes, Riley
; APPLICANT: Remick, Daniel
; APPLICANT: Remick, Daniel
; APPLICANT: Adamson, Belinda
; TILLE OF INVENTION: Enclosures Housing Cell-Coated Supports for Treating Tumors
; FILE REFERENCE: UM-06198
; CURRENT APPLICATION NUMBER: US/09/962,059
; CURRENT APPLICATION NUMBER: 09/640,990
; PRIOR FILING DATE: 2000-08-18
; PRIOR FILING DATE: 1999-08-19
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: Patentin Version 3.1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.7%; Score 15.8; DB 1; Length 20; Best Local Similarity 89.5%; Pred. No. 1.3e+03; Matches 17; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                      APPLICANT: No. US20020142003Albert Schweifer
APPLICANT: No. US20020142003Albert Schweifer
APPLICANT: No. US20020142003Albert
APPLICANT: Wolfgang Sommergruber
APPLICANT: Wolfgang Sommergruber
APPLICANT: Woger Absence:
TITLE OF INVENTION: Tumorassoziiertes Antigen (B345)
FILE REPERENCE: 0652.2580001
CURRENT PELING DATE: 2001-07-06
FRIOR PRILING DATE: 2001-07-07
PRIOR FILING DATE: 2000-10-07
PRIOR FILING DATE: 2000-10-07
PRIOR FILING DATE: 2000-10-25
PRIOR APPLICATION NUMBER: US 60/243,158
PRIOR FILING DATE: 2000-10-25
PRIOR APPLICATION NUMBER: US 60/297,747
PRIOR FILING DATE: 2010-10-14
PRIOR FILING DATE: 2010-10-14
NUMBER OF SEQ ID NOS: 40
                                                                                                                                                                     Sequence 14, Application US/09899569A
Patent No. US20020142003A1
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2254 TTGTACTTTAGTAGAGAC 2272
                                            1 TrGTATTTTAAGTAGAGAC 19
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ORGANISM: Artificial sequence
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                                                                                                                                                                                                                      GENERAL INFORMATION:
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JUNEAR OF SECULAR APPLICATION NUMBER: US/10088756

PUDJICACTION NO. US20030157558A1

GENERAL INFORMATION:
GENERAL INFORMATION:
JAPLICANT: MATSUMOCO et al.
JITLE OF INVENTION: THEREOF, AND PRODUCTION AND USES THEREOF
JITLE OF INVENTION: THEREOF, AND PRODUCTION AND USES THEREOF
JITLE OF INVENTION: THEREOF, AND PRODUCTION AND USES THEREOF
JUNEARY APPLICATION NUMBER: US/10/088,726

CURRENT FILING DATE: 2000-13-28

PRIOR APPLICATION NUMBER: UP 1999-375152

PRIOR APPLICATION NUMBER: UP 2000-101339

PRIOR APPLICATION NUMBER: UP 2000-101339

PRIOR PILING DATE: 2000-03-31

NUMBER OF SEQ ID NOS: 63

SOFTWARE: PATENTING DATE: 2000-03-31

SEQ ID NO 38

LENGTR. 120

LENGTR. 200
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89.5%; Pred. No. 1.3e+03;
  APPLICANT: Stachling-Hampton, Karen
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: METHODS FOR IDENTIFYING
TITLE OF INVENTION: GENOMIC DELETIONS
FILE REFERENCE: 240083.515C1
CURRENT APPLICATION NUMBER: US/10/353,150
CURRENT FILING DATE: 2003-01-27
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
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Publication No. US20030170228A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 89.55
Matches 17; Conservative
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APPLICANT: Ranum, Laura
APPLICANT: Ranum, Laura
APPLICANT: Bay, John
APPLICANT: Day, John
APPLICANT: Liby, John
TITLE OF INVENTION: LIGARIDA
TITLE OF INVENTION: 110.01580101
CURRENT APPLICATION NUMBER: US/10/143,266
CURRENT PILING DATE: 2002-05-10
PRIOR APPLICATION NUMBER: 60/290,365
PRIOR APPLICATION NUMBER: 60/290,365
PRIOR APPLICATION NUMBER: 60/302,022
PRIOR FILING DATE: 2001-06-29
PRIOR FILING DATE: 2001-06-29
PRIOR FILING DATE: 2001-11-13
NUMBER OF SEQ ID NOS: 39
SOFTWARE: Patentin version 3.0
SEQ ID NO 25
LENGTH: 20
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Publication No. US20030130222A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
FILE REPERBNCE: ISPH-0544
CURRENT FILE 2002-11-13
FRICR APPLICATION NUMBER: US/09/800,631
PRIOR FILING DATE: 2001-03-07
PRIOR PILING DATE: 2001-03-07
NUMBER: OF SEQ ID NOS: 175
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-52
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Sequence 83, Application US/10353150
Publication No. US2003015/543A1
GENERAL INFORMATION:
APPLICANT: Brunkow, Mary E.
APPLICANT: Proll, Sean
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2309 CCTGACCTCGTGATCCGCC 2327
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                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 89.59
Matches 17; Conservative
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Best Local Similarity 89.5'
Matches 17; Conservative
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LENGTH: 20
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US-10-331-907-296
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Matches
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                                                                                             APPLICANT: Smith, Victoria
APPLICANT: Smith, Victoria
APPLICANT: Stone, Donna M.
APPLICANT: Stone, Donna M.
APPLICANT: Stone, Donna M.
APPLICANT: Stone, Milliam I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR
FILE REPREEMENTS: P2931R1C1
CURRENT APPLICATION NUMBER: US/10/210,951
CURRENT PILING DATE: 2002-08-02
PRIOR APPLICATION NUMBER: 60/014699
PRIOR FILING DATE: 1996-04-01
PRIOR PLICATION NUMBER: 60/026943
PRIOR FILING DATE: 1996-09-23
PRIOR PRILING DATE: 1997-07-17
PRIOR PRILING DATE: 1997-07-17
PRIOR PRILING DATE: 1997-09-19
PRIOR FILING DATE: 1997-10-10
PRIOR FILING DATE: 1997-10-10
PRIOR FILING DATE: 1997-10-17
PRIOR PRILING DATE: 1997-10-17
PRIOR PRILING DATE: 1997-10-17
PRIOR PRILING DATE: 1997-10-17
PRIOR PILING DATE: 1997-10-17
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TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF TUMOR FILE REFERENCE: P2931HILCI
CURRENT APPLICATION NUMBER: US/10/211,884
CURRENT FILING DATE: 2002-08-02
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NUMBER OF SEQ ID NOS: 258
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89.5%; Pred. No. 1.3e+03;
tive 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic Oligonucleotide Probe US-10-210-951-140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 140, Application US/10211884
Publication No. US20030175900A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR PPLICATION NUMBER: 60/066772
PRIOR FILING DATE: 1997-11-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2319 TGATCCGCCCACCTCGGCC 2337
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pan, James
Pitti, Robert M.
Roy, Margaret Ann
Smith, Victoria
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Watanabe, Colin K
Marsters, Scot A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Ashkenazi, Avi J. APPLICANT: Goddard, Audrey
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Hillan, Kenneth
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Best Local Similarity 89.5
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT
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Gaps
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STREET: 1100 No. US20030181660Alth Glebe Road, Eighth Floor
CITY: Arlington
                                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR FILING DATE: 1997-11-24
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 258
SEQ ID NO 140
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Match 0.7%; Score 15.8; DB 1; Length 20; Local Similarity 89.5%; Pred. No. 1.3e+03; Loss 17; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Kawaguchi, Yoshihiko
Merriman, Tony R
Metzker, Michael L
TITLE OF INVENTION: NO. US20030181660A1el LDL-Receptor
NUMBER OF SEQUENCES: 455
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ; OTHER INFORMATION: Synthetic Oligonucleotide Probe US-10-211-884-140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/402,923A
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-
PRIOR APPLICATION NUMBER: 60/026943
PRIOR FILING DATE: 1995-09-03
PRIOR PILING DATE: 1996-09-03
PRIOR PILING DATE: 1997-09-13
PRIOR FILING DATE: 1997-09-13
PRIOR PILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/069352
PRIOR PELING DATE: 1997-10-10
PRIOR PELING DATE: 1997-10-10
PRIOR PELING DATE: 1997-10-17
PRIOR PELING DATE: 1997-10-17
PRIOR PELING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063045
PRIOR PELING DATE: 1997-10-24
PRIOR PELING DATE: 1997-10-24
PRIOR PELING DATE: 1997-10-24
PRIOR FILING DATE: 1997-10-24
PRIOR FILING DATE: 1997-11-24
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Publication No. US20030181660A1
GENERAL INPORMATION:
APPLICANT: TOOK
Hess, John W
Caskey, Charles T
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2319 TGATCCGCCCACCTCGGCC 2337
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Hammond, Holly
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Hey, Patricia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Cox, Roger D
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS
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JS-10-005-344-347/c
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Publication No. US20030203862A1

RENERAL INFORMATION:

APPLICANT: Deamela Nero

APPLICANT: Pamela Nero

APPLICANT: Brett P. Monia

APPLICANT: Brett P. Monia

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: MingYi Chiang

APPLICANT: Mano Manoharan

TITLE OF INVENTION: Antiense Modulation of mdm2 expression.

FILE REFERENCE: ISPH-0622

CURRENT APPLICATION NUMBER: US/10/005,344

CURRENT FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: US 09/048,810

PRIOR FILING DATE: 1999-03-26

PRIOR PLING DATE: 1999-03-26

PRIOR PLING DATE: 1999-03-26

PRIOR FILING DATE: 1999-03-26
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.7%; Score 15.8; DB 1; Length 20; 89.5%; Pred. No. 1.3e+03; tive 0; Mismatches 2; Indels
FILING DATE: 14-Feb-2001
APPLICATION UNDRER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
FILING DATE: 05-JUN-1997
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US-10-005-344-325
                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPRONE: (703) 816-4091
TELEPRONE: (703) 816-4100
INFORMATION FOR SEQ ID NO: 296:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TOPOLOGY: 11near
; SEQUENCE DESCRIPTION: SEQ ID NO: 296:
US-10-331-907-296
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2151 GCTCACTGCAAGCTCTGCC 2169
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GITCACTGCAACCICTGCC 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 20 base pairs
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STRANDEDNESS: single
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 89.5 Matches 17; Conservative
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RESULT 1378 US-10-005-344-346/c

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                                                                                                                                    APPLICANT: Damela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Pamela Nero
APPLICANT: Brick Noller
APPLICANT: Brick Noller
APPLICANT: Brick Noller
APPLICANT: MingYi Chiang
APPLICANT: MingYi Chiang
TITLE OF INVENTION: Antisenee Modulation of mdm2 expression.
FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
PRIOR APPLICATION NUMBER: US 09/280,805
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FILE REPERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT FILING DATE: 2001-12-04
PRIOR APPLICATION NUMBER: US 09/048,810
FRIOR RILING DATE: 1998-03-26
PRIOR PILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARS: FastSEQ for Windows Version 4.0
SEQ ID NO 347
LENGTH: 20
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0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) OTHER INFORMATION: Antisense Oligonucleotide US-10-005-344-346
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Publication No. US20030203862A1
GENERAL INFORMATION:
Application US/10005344
o. US20030203862A1
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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APPLICANT: Mark J. Graham
APPLICANT: Brett P. Monia
APPLICANT: Erich Koller
APPLICANT: MingYi Chiang
APPLICANT: Mano Manoharan
                                                                                                             APPLICANT: Loren J. Miraglia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Loren J. Miraglia
                                      Publication No. US200
GENERAL INFORMATION:
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Sequence 20, Application US/10159834

Publication No. US20030228688A1

GRNERAL INFORMATION:

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSPE

TITLE OF INVENTION: EXPRESSION

FILE REPERENCE: RTS-0299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Vickers, Timothy A. TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR TITLE OF INVENTION: MODULATION OF OLIGONUCLEOTIDES AND TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION FILE REFERENCE: ISIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT APPLICATION NUMBER: US/10/388,263
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSEQ for Windows Version 4.0
                    PRIOR APPLICATION NUMBER: 60/066511
PRIOR FILING DATE: 1997-11-24
PRIOR PILING DATE: 1997-11-24
PRIOR FILING DATE: 1997-11-24
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 258
SEQ ID NO 140
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89.5%; Pred. No. 1.3e+03;
tive 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                  FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
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Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ; Sequence 700, Application US/10388263; Publication No. US20030228597A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                            2319 TGATCCGCCCACCTCGGCC 2337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2254 TIGIACTITIAGIAGAGAC 2272
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Ohashi, Cara
Wyatt, Jacqueline R.
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                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA ORGANISM: Artificial Sequence
     FILING DATE: 1997-10-24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: Cowsert, Lex M. APPLICANT: Baker, Brenda F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        McNeil, John
Freier, Susan M.
Sasmor, Henri M.
                                                                                                                                                                                                                                                                                                                                                             Query Match 0.77
Best Local Similarity 89.5
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                    US-10-211-858-140
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LENGTH: 20
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                                                                                     US-10-148-355A-63/C

Sequence 63, Application US/10148355A

Publication No. US20030207831A1

Publication No. US20030207831A1

Sequence 63, Application No. US20030207831A1

SERNERAL INFORMATION:

APPLICANT: Lex M. COWSET.

APPLICANT: ILEX M. COWSET.

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION WHERE: US/10/148,355A

CURRENT APPLICATION NUMBER: US/2-09-30

PRIOR FILING DATE: 1999-12-17

NUMBER OF SEQ ID NOS: 89

SEQ ID NO 63

LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               , OTHER INFORMATION: Antisense Oligonucleotide US-10-148-355A-63
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CURRENT APPLICATION NUMBER: US/10/211,858
CURRENT FILING DATE: 2002-08-02
PRIOR PELING DATE: 1996-04-01
PRIOR PELLING DATE: 1996-04-01
PRIOR PELLING DATE: 1996-09-23
PRIOR PELLING DATE: 1997-07-17
PRIOR APPLICATION NUMBER: 60/059352
PRIOR PELLING DATE: 1997-09-19
PRIOR PELLING DATE: 1997-09-19
PRIOR PELLING DATE: 1997-10-10
PRIOR PELLING DATE: 1997-10-10
PRIOR PELLING DATE: 1997-10-10
PRIOR PELLING DATE: 1997-10-10
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o. US20030211096A1
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FILING DATE: 1997-10-24
APPLICATION NUMBER: 60/063046
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Pitti, Robert M.
Roy, Margaret Ann
Smith, Victoria
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Wood, William I.
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Marsters, Scot A.
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Best Local Similarity 89.51
Matches 17; Conservative
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APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Stone, Donna M.
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Publication No. US20
GENERAL INFORMATION:
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APPLICANT:
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APPLICANT:
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APPLICANT: Reed, Danielle R.
APPLICANT: Ross, David
APPLICANT: Ross, David
TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETHERS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Gaps
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          Indels
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| Publication No. US20040102398A1
| GENERAL INFORMATION:
| APPLICANT: Brett P. Monia
| APPLICANT: Renneth W. Dobie
| TITLE OF INVENTION: MODILATION OF BTH EXPRESSION
| FILE REFERENCE: RTS 0417
| CURRENT FILING DATE: 2002-11-23
| NUMBER OF SEQ ID NOS: 271
| SEQ ID NO 89
| LENGTH: 20
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CURRENT APPLICATION NUMBER: US/10/280,183A
CURRENT FILING DATE: 2002-10-25
PRIOR APPLICATION NUMBER: 60/200,794
PRIOR FILING DATE: 2000-04-28
NUMBER OF SEQ ID NOS: 652
SOFTWARE: Patentin Ver. 3.1
SSOFTWARE: Patentin Ver. 3.1
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          0; Mismatches
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                                                                                                                                                                                                            RESULT 1386
US-10-280-183A-550
; Sequence 550, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pleter J.
, APPLICANT: De Jong, Pleter J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2228 ATCTGCCACCACACCTGGC 2246
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                                                                                                                                             19 AGAGTGTTACAGATTCAGT 1
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Best Local Similarity 89.5
Matches 17; Conservative
       Matches 17; Conservative
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US-10-159-814-94/C

US-10-159-814-94/C

Sequence 94, Application US/10159834

Publication No. US20030228688A1

GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION:

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Sequence 48, Application US/10399214

FUBLICALION NO. US20040023914A1

GENERAL INFORMATION:

APPLICANT: Isis Pharmaceuticals, Inc.

APPLICANT: Hong Zhang

APPLICANT: ANTIENSE MODULATION OF AFF-1 EXPRESSION

FILE REFERENCE: RTSP-0191

CURRENT FILING DATE: 2003-04-11

PRIOR APPLICATION NUMBER: 09/690,364

FILE REPERSON NUMBER: 09/690,364

FRIOR PLING DATE: 2000-10-16

NUMBER OF SEQ ID NOS: 100

SEQ ID NO 48
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0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 0.7%; Score 15.8; DB 1; Length 20; Best Local Similarity 89.5%; Pred. No. 1.3e+03; Matches 17; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                          ; OTHER INFORNATION: Antisense Oligonucleotide US-10-159-834-20
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CURRENT APPLICATION NUMBER: US/10/159,834
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2116 CTGTTACCCAGGCTGGAGT 2134
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                               CURRENT FILING DATE: 2002-05-31 WIMBER OF SEQ ID NOS: 130 ENG ID NO 20 LENGTH: 20
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ORGANISM: Artificial Sequence
                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity
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ORGANISM: H. sapiens
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Sequence 1334, Application US/10671395
; Sequence 1334, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gieree, James K
; TITLE OF INVENTION: EXPRESSION
; TITLE OF INVENTION: EXPRESSION
; TITLE OF INVENTION: EXPRESSION
; TITLE OF INVENTION: UNMBER: US/10/671,395
; CURRENT PILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; RRIOR PILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1334
                                    APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTIENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 837
LENGTH: 20
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APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REPERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.7%; Score 15.8; DB 1;
89.5%; Pred. No. 1.3e+03;
tive 0; Mismatches 2;
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0.7%; Score 15.8; DB 1;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ) OTHER INFORMATION: Human PGE2 antisense US-10-671-395-837
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US-10-671-395-1334
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. Sequence 1369, Application US/10671395
. Publication No. US20040132063A1
. GENERAL INFORMATION:
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Best Local Similarity 89.5'
Matches 17; Conservative
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                                                                                                                                                                                                                                                              APPLICANT: Pharmacia Corp.
APPLICANT: Gierse, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NO 456
LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ANTISENSE SOON
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOUTHARE: PATENTIN PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PATENT PAT
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89.5%; Pred. No. 1.3e+03;
tive 0; Mismatches 2; Indels
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O.7%; Score 15.8; DB 1;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2;
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CTHER INFORMATION: Human PGE2 antisense
US-10-671-395-810
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Human PGE2 antisense
                                                                                                                                      US-10-671-395-456/c
; Sequence 456, Application US/10671395
; Ebblication No. US20040132063A1
; GENERAL INFORMATION;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Sequence 837, Application US/10671395
; Publication No. US20040132063A1
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20 ATTACAGGTGTGAGCCACC
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Matches 17; Conservative
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Sequence 1551, Application US/10671395
; Sequence 1551, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K
; TITLE OF INVENTION: EXPRESSION
; FILE OF INVENTION: EXPRESSION
; FILE REPERROCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR PILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SEQ ID NO 1551
; LENGTH: 20
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Publication No. US20040132063A1
GENERAL INFORMATION
GENERAL INFORMATION
THEORY PARMACIA COPP.
APPLICANT: Pharmacia Corp.
APPLICANT: Pharmacia Corp.
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION: EXPRESSION
TITLE OF INVENTION UNMBER: US/10/671,395
CURRENT PILING DATE: 2003-09-25
CURRENT PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 1610
LENGTH: 20
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0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels
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0.7%; Score 15.8; DB 1;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2;
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                                                                                   ) OTHER INFORMATION: Human PGE2 antisense US-10-671-395-1526
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COTHER INFORMATION: Human PGE2 antisense

US-10-671-395-1610
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          TYPE: DNA ORGANISM: artificial FEATURE:
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Publication No. US20040132063A1

GENERAL INFORMATION:

APPLICANT: Pharmacia Corp.

APPLICANT: Pharmacia Corp.

TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: ANTISENSE NODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT FILING DATE: 2003-09-25

PRIOR FILING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2

LENGTH: 20
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Sequence 1526, Application US/10671395

Sequence 1526, Application US/10671395

Sequence 1526, Application US/10671395

Sequence 1526, Application US/10671395

APPLICANT: Pharmacia Corp.

APPLICANT: Glarea, James K.

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

TITLE OF INVENTION: EXPRESSION

FILE REPERBUES: 1179/1/US

CURRENT APPLICATION NUMBER: US/10/671,395

CURRENT APPLICATION NUMBER: 60/413,549

PRIOR FILING DATE: 2003-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2

SEQ ID NO 1526

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                                                                                                                                                                                                                                                         ) OTHER INFORMATION: Human PGE2 antisense US-10-671-395-1369
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
SEQ ID NO 1369
LENGTH: 20
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US-10-476-021-96
Sequence 96, Application US/10476021
Sequence 96, Application US/10476021
Publication No. US20040186069A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/10/476,021
CURRENT PILING DATE: 2003-10-24
PRIOR FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 96
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                                                                                                                                                                    APPLICANT: Koo, Seongjoon
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Cooke, Stanley T.
APPLICANT: Cooke, Stanley T.
APPLICANT: Baker, Brenda F.
TITLE OF INVENTION: Efficient Reduction of Target RNA's by Single- and
TITLE OF INVENTION: Double-Stranded Oligomeric Compounds
FILE REFERENCE: ISISO001-100 (COREGOO27US)
CURRENT APPLICATION NUMBER: US,10/664,639A
CURRENT APPLICATION NUMBER: US 60/411,780
PRIOR FILING DATE: 2002-09-18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Gaps
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0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NAME/KEY: misc feature
LOCATION: (1). [6)
OTHER INFORMATION: 2'-0-methoxyethyl substituted bases
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ; NAME/KEY: misc_feature
; LOCATION: (15)...(20)
; OTHER INFORMATION: 2'-O-methoxyethyl substituted bases
US-10-64-6394-37
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0.7%; Score 15.8; DB 1;
ilarity 89.5%; Pred. No. 1.3e+03;
Conservative 0; Mismatches 2;
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                                                                         ; Sequence 37, Application US/10664639A; Publication No. US20040137471A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: oligonucleotide
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SOFTWARE: PatentIn version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA ORGANISM: artificial sequence
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ORGANISM: Artificial Sequence
                                                                                                                                                   APPLICANT: Vickers, Timothy
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
                                                           JS-10-664-639A-37/c
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LENGTH: 20
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APPLICANT: Diarmacia Corp.

TILLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
TILLE REPERBRUCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/6/1,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2003-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patent In version 3.2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Pharmacia Corp.
APPLICANT: Giere, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOWAL PROSTAGLANDIN EZ SYNTHASE
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT PILING DATE: 2003-09-25
PRIOR PILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: Patentin version 3.2
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0.7%; Score 15.8; DB 1; Length 20; 89.5%; Pred. No. 1.3e+03; tive 0; Mismatches 2; Indels
Best Local Similarity 89.5%; Pred. No. 1.3e+03; Matches 17; Conservative 0; Mismatches 2; Indels
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                                                                                                                                                                                                                                         Sequence 1614, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
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Publication No. US20040132063A1
GENERAL INFORMATION:
                                                                         2294 GGATGGTCTCGATCTCCTG 2312
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                                                                                                                   20 GGAGGETCTCGAACTCCTG 2
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Best Local Similarity 89.5'
Matches 17; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: artificial
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Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                   US-10-671-395-1614/c
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LENGTH: 20
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MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/032,924
FILING DATE: 26-Dec-2001
CLASSIFICATION ATA:
APPLICATION NUMBER: 08/649,950
FILING DATE: ADMINIOM: AUKHOWN:
APPLICATION NUMBER: 08/649,950
FILING DATE: AUKHOWN:
ATTORNEY/AGENT INFORMATION:
NAME: LARGOR MATINA T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: 32,038
REFERENCE/DOCKET NUMBER: YGEN.P-028-US
TELEBCOMMUNICATION INFORMATION:
TELEBCOMMUNICATION INFORMATION:
TELEBCOMMUNICATION INFORMATION:
TELEBCOMMUNICATION INFORMATION:
TELEBCOMMUNICATION INFORMATION:
                                                                                                                                                 APPLICANT: Shipman, Robert
Leushner, James
Dunn, James MerHob AND REAGENTS FOR TESTING FOR
TITLE OF INVENTION: MUTATIONS IN THE BRCA1 GENE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        uvery match 0.7%; Score 15.8; DB 1; Length 21; Best Local Similarity 89.5%; Pred. No. 1.3e+03; Matches 17; Conservative 0; Mismatches 7. 7-1.
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TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REPERENCE: DODGSANP
CURRENT APPLICATION NUMBER: US/10/005,956
CURRENT FILING DATE: 2001-12-03
                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorkcown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TOPOLGGY: linear
MOLECULE TYPE: other nucleic acid
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                                             Sequence 61, Application US/10032924
Publication No. US20030022190A1
GENERAL INFORMATION:
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TELEX: «Unknown»
INFORMATION POR SEQ ID NO: 61:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             20 rerecraagaageraaga 2
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STRANDEDNESS: double
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                                                                                                                                                                                                                                                                                                                                                   NUMBER OF SEQUENCES:
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ANTI-SENSE: no
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**Publication No. US20050003426A1

GENERAL INFORMATION:

APPLICANT: Ranum, Laura

APPLICANT: Liquori, Christina

TITLE OF INVENTION: INTRON ASSOCIATED WITH MYOTONIC DYSTROPHY TYPE 2 AND METHODS OF U

FILE REPERENCE: 110.01580101

CURRENT APPLICATION NUMBER: US/10/890,685

CURRENT PILING DATE: 2002-05-10

FRIOR FILING DATE: 2002-05-10

PRIOR FILING DATE: 2001-05-11

**SPRIOR FILING DATE: 2001-05-11

**SPRIOR FILING DATE: 2001-05-11

**SPRIOR FILING DATE: 2001-05-11

**SPRIOR FILING DATE: 2001-11-13

**NUMBER OF SEQ ID NOS: 39

**SOFTWARE: PatentIn version 3.0

**SEQ ID NO 25

**LENGTH: 20
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                                                                                                                                                                               US-10-856-218A-7/c
; Sequence 7, Application US/10856218A; Publication No. US20050003414A1; GENERAL INFORMATION: US20050003414A1; GENERAL INFORMATION: Ovomucoid Promoter and Methods of Use; TITLE OF INVENTION: Ovomucoid Promoter and Methods of Use; FILE REFERENCE: AVI-019CIP2; CURRENT APPLICATION NUMBER: US/10/856,218A; CURRENT FILING DATE: 2004-05-28; NUMBER OF SEQ ID NOS: 46; SEQ ID NO S: 46;
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Pred. No. 1.3e+03;
0; Mismatches 2; Indels
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2 AAGTACTGAGATTACAGGC 20
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US-10-856-218A-7
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Best Local Similarity 89.5
Matches 17; Conservative
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Best Local Similarity 89.5
Matches 17; Conservative
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SOFTWARE: PatentIn version 3.0
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Pred. No. 1.3e+03;
0; Mismatches 2; Indels
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TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
FILE REFRENCE: DO053NP
CURRENT APPLICATION NUMBER: US/10/005,956
CURRENT FILING DATE: 2001-12-03
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR APPLICATION NUMBER: 60/253,678
PRIOR FILING DATE: 2001-01-23
PRIOR FILING DATE: 2001-01-23
PRIOR FILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
SOFTWARE: Patentin version 3.0
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Sequence 1034, Application US/10005956

Publication No. US20030113726A1

GENERAL INFORMATION:

APPLICANT: Bristol-Myers Squibb Company

TITLE OF INVENTION: HUMAN SINGLE NUCLECTIDE POLYMORPHISMS

FILE REFERENCE: D0053NP

CURRENT APPLICATION NUMBER: US/10/005,956

CURRENT FILING DATE: 2001-12-03

PRIOR PILING DATE: 2000-12-04

PRIOR FILING DATE: 2001-01-04

PRIOR FILING DATE: 2001-01-03

PRIOR FILING DATE: 2001-03-03

PRIOR FILING DATE: 2001-03-03

PRIOR FILING DATE: 2001-03-03

NUMBER OF SEQ ID NOS: 1579
PRIOR APPLICATION NUMBER: 60/251,015
PRIOR FILING DATE: 2000-12-04
PRIOR PLING DATE: 2001-01-23
PRIOR FILING DATE: 2001-01-23
PRIOR PLING DATE: 2001-03
PRIOR PILING DATE: 2001-03-02
NUMBER OF SEQ ID NOS: 1579
SOFTWARE: PA
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Best Local Similarity 89.5%;
Matches 17; Conservative
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Best Local Similarity 89.5
Matches 17; Conservative
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US-10-005-956-801
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CORGANISM: Homo sapiens
US-10-005-956-802
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Pactor;
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Pactor;
TITLE OF INVENTION: Gene Expression Using Short Interfering RNA;
FILE REFERENCE: 900/042 (WEHB02-468-A);
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2002-02-3
PRIOR FILING DATE: 2002-07-03;
PRIOR PILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-0
PRIOR FILING DATE: 2001-07-05
PRIOR FILING DATE: 2001-07-05
PRIOR FILING DATE: 2001-07-05
PRIOR FILING DATE: 2001-07-05
PRIOR FILING DATE: 2001-07-05
PRIOR FILING DATE: 2001-07-05
PRIOR APPLICATION NUMBER: US 60/256,249
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; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: BISISCOI-MYERS SQUIBD COMPANY
; TITLE OF INVENTION: HUMAN SINGLE NUCLECTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR PILING DATE: 2001-01-23
; PRIOR PILING DATE: 2001-01-23
; PRIOR PILING DATE: 2001-01-23
; PRIOR PILING DATE: 2001-01-23
; PRIOR PILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SEQ ID NO 1035
; SEQ ID NO 1035
                                                                                                                                                                            0.7%; Score 15.8; DB 1; Length 21;
ilarity 89.5%; Pred. No. 1.3e+03;
Conservative 0; Mismatches 2; Indels
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Pred. No. 1.3e+03;
0; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                             2236 CCACACCTGGCTAATTTTT 2254
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Best Local Similarity 89.5%;
Matches 17; Conservative
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; SEQ ID NO 1034
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-1035
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Best Local Similarity
Matches 17; Conserv
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OTHER INFORMATION: Description of Artificial Sequence: sink antisense region
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OTHER INFORMATION: 5'-3 attached terminal deoxyabasic moeity
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1 LOCATION: (21):.(21)

2 OTHER INFORMATION: 3'-3 attached terminal deoxyabasic moeity

US-10-251-117-548
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0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 1.3e+03;
Matches 17; Conservative 0; Mismatches 2; Indels
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OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
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NAME/KEY: misc_feature
LOCATION: (7)..(7)
OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
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OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
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NAME/KEY: misc_feature
LOCATION: (21)...(21)
OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
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OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
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OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
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NAME/KEY: misc feature
NACATION: (19) - (19)
OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
  PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR FILING DATE: 2001-07-25
PRIOR PRILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PATENTIN VERSION 3.0
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Publication No. US20030170891A1
GENERAL INFORMATION: APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
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                                                                                                                                                                                                                                                                                                                                TYPE: RNA
ORGANISM: Artificial Sequence
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NAME/KEY: misc_feature
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NAME/KEY: misc_feature
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LOCATION: (5)..(6)
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Publication No. US20030170891A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

ITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R

TILLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R

TILLE OF INVENTION: RNA INTERFERENCE: 900/042 (MBHB02-468-A)

FILE REFERENCE: 900/042 (MBHB02-468-A)

CURRENT FILING DATE: 2003-02-117

PRIOR APPLICATION NUMBER: US 60/393,924

PRIOR APPLICATION NUMBER: US 60/393,924

PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR PELING DATE: 2001-06-06

PRIOR PILING DATE: 2001-07-25

PRIOR FILING DATE: 2001-07-25

PRIOR FILING DATE: 2001-07-25

PRIOR FILING DATE: 2001-06-06

NUMBER OF SEQ ID NOS: 1213

SEGFWARE: Patentin version 3.0
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                                                                                                                                            ; OTHER INFORMATION: Description of Artificial Sequence: sinA antisense region US-10-251-117-540
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ORGANISM: Artificial Sequence
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SEQ ID NO 540
LENGTH: 21
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LENGTH: 21
                                                           TYPE: RNA
                                                                                                                    FEATURE:
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2353 ATTACAGGCATGAGCCACC 2371
                    Patturajan, Meera
Gerlach, Valerie L.
Taupier, Raymond J.
Pena, Carol B.A.
Padigaru, Muralidhara
Kekuda, Ramesh
Gorman, Linda
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ORGANISM: Artificial Sequence
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TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
TITLE OP INVENTION: Gene Expression Using Short Interfering RNA
FILE REFREENCE: 900/042 (MBHB02-468-A)
CURRENT APPLICATION NUMBER: US /10/251,117
CURRENT PILING DATE: 2003-02-24
FRIOR APPLICATION NUMBER: US 60/393,924
FRIOR FILING DATE: 2002-07-03
FRIOR FILING DATE: 2002-07-03
FRIOR FILING DATE: 2002-05-06
FRIOR PILING DATE: 2002-05-06
FRIOR PILING DATE: 2002-02-0
FRIOR PILING DATE: 2002-02-03
FRIOR FILING DATE: 2001-07-25
FRIOR FILING DATE: 2001-06-06
FRIOR FILING DATE: 2001-06-06
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FRIOR FILING DATE: 2001-06-06
FRI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
PEATURE:
NAME/KEY: misc_feature
LOCATION: (20)...(20)
OTHER INFORMATION: Phosphorothioate 3'-Internucleotide Linkage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 0.7%; Score 15.8; DB 1; Length 21; Best Local Similarity 63.2%; Pred. No. 1.36+03; Matches 12; Conservative 5; Mismatches 2; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                LOCATION: (7). (9)
OTHER INFORMATION: 2'-deoxy-2'-fluoro cytidine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME/KEY: misc_feature
LOCATION: (4)._(4)
OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: (6). (6)
OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LOCATION: (10)...(12)
OTHER INFORMATION: 2'-deoxy-2'-fluoro uridine
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 129, Application US/10136728
Publication No. US20030236188A1
GENERAL INFORMATION:
APPLICANT: Spytek, Kimberly A.
APPLICANT: Li, Li
APPLICANT: Edinger, Shlomit R.
APPLICANT: Stone, David J.
APPLICANT: Guo, Xiaojia
APPLICANT: Anderson, David W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              687 AGGTGTCACCTTGAAGGTG 705
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: RNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
NAME/KEY: misc_feature
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US-10-136-728-129/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
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THE IDENTIFICATION OF CARRIERS OF COMPLEX VERTE
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| Sequence 89, Application US/10627253A
| Publication No. US20040161768A1
| Publicarion No. US2004016176BA1
| GENERAL INPORMATION:
| APPLICANT: BRINKMANN, ULRICH
| APPLICANT: BRINKMANN, ULRICH
| APPLICANT: HOFFMEXER, SVEN
| TITLE OF INVENTION: PESITANCE-ASSOCIATED PROTBIN 1 (MRP-1) AND THEIR USE IN TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC APPLICATION NUMBER: US/10/627,253A
| TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC APPLICATION NUMBER: PCT/EP02/00796
| PRIOR APPLICATION NUMBER: PCT/EP02/00796
| PRIOR APPLICATION NUMBER: EP 01101651.6
| PRIOR PILING DATE: 2001-01-26
| PRIOR PILING DATE: 2001-01-26
| PRIOR SEQ ID NOS: 406
| SOFTWARE: Patentin version 3.2
| SEQ ID NO 89
| LENGTH: 21
| TWEET OF THE MULTING DATE: 2001-01-26
| SEQ ID NO 89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 0.7%; Score 15.8; DB 1; Length 21; Best Local Similarity 89.5%; Pred. No. 1.3e+03; Matches 17; Conservative 0; Mismatches 2; Indels
                                                                                                                                                                                               APPLICANT: NIELBEH, VIVI. INMELENTY
APPLICANT: ODNER: MARC
TITLE OF INVENTION: GENETIC TEST FOR THE IDENTIF
TITLE OF INVENTION: MALFORMATIONS IN CATTLE
FILE OF INVENTION: MALFORMATIONS IN CATTLE
FILE REFERENCE: 5799.14305W0
CURRENT APPLICATION NUMBER: US/10/416,941
CURRENT FILING DATE: 2003-05-15
PRIOR FILING DATE: 2001-11-15
PRIOR FILING DATE: 2001-11-15
PRIOR RILING DATE: 2001-10-15
PRIOR RILING DATE: 2000-11-16
PRIOR APPLICATION NUMBER: DK PA200001717
PRIOR FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 38
SOFFWARE: PATCHIN VERSION 3.1
SEQ ID NO 19
LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1437 GAGGAAAATGATGATAAAA 1455
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                                                                                                                           Thomsen, Bo
Jeppesen, Mette
Nielsen, Vivi Hunnicke
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2 GAGGCAAATGAAGATAAAA 20
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CTHER INFORMATION: DNA Primer
US-10-416-941-19
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA ORGANISM: Artificial Sequence
                                        Holm, Lars-Erik
Horn, Per
            Aasberg, Anders
                                                                                                     Hoj, Anette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               JS-10-627-253A-89
                                                                                                                           APPLICANT:
APPLICANT:
APPLICANT:
APPLICANT:
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US-10-349-143-11288/C
Sequence 11288, Application US/10349143
Sequence 11288, Application US/10349143
Fublication NO. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Chen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
TILE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 1999-10-20
FRIOR PILING DATE: 1999-10-20
FRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
FRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
FRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1999-04-21
FRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
FRIOR FILING DATE: DATE: DATE: 1998-04-21
                                                                                                                                                                                                                                                                                                  NAME/KEY: primer_bind

1 LOCATION: 1..21

2 OTHER INFORMATION: downstream amplification primer 99-19601 for SEQ 2886, in complem

US-10-349-143-10751
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; OTHER INFORMATION: downstream amplification primer 99-3944 for SEQ 3423, in compleme
US-10-349-143-11288
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PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732 PRIOR FILTMG DATE: 1998-11-23 PRIOR PILTMG DATE: BARLIER FILING APPLICATION NUMBER: US 60/082,614 PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/082,614 NUMBER OF SEQ ID NOS: 11796 SEQ ID NOS: 11796 LENGTH: 21
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   0.7%; Score 15.8; DB 1; Length 21; 89.5%; Pred. No. 1.3e+03; tive 0; Mismatches 2; Indels
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Publication No. US20040132032A1
GENERAL INFORMATION:
APPLICANT: Bendixen, Christian
APPLICANT: Svendsen, Soren
APPLICANT: Jensen, Helle
APPLICANT: Panitz, Prank
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           1309 ATAAAGGGAAAGATAAAGG 1327
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Best Local Similarity 89.5
Matches 17; Conservative
                                                                                                                                                                                                                                       ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FEATURE:
NAME/KEY: primer_bind
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GENERAL INFORMATION:

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Sequence 11638, Application US/10786720
| Publication No. US20040191818A1
| GENERAL INPORMATION:
| APPLICANT: Wyeth
| APPLICANT: Wyeth
| APPLICANT: O'Toole, Margot
| TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
| TITLE OF INVENTION: DISEASES
| FILE REFERENCE: 031896-023000 (AMI01331L)
| CURRENT APPLICATION NUMBER: US/10/786,720
| CURRENT PILING DATE: 2004-02-26
| NUMBER OF SEQ ID NOS: 21135
| SCOTWARE: PatentIn version 3.2
| SEQ ID NO 1638
| SEQ ID NO 1638
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: Wyeth
APPLICANT: U.Y. Weith
APPLICANT: Liu, Weith
APPLICANT: Liu, Weith
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SOFTWARE: PatentIn version 3.2
LENGTH: 21
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AMI01331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
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Pred. No. 1.3e+03;
4; Mismatches 2; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 19991, Application US/10786720; Publication No. US20040191818A1; GENERAL INFORMATION:
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Best Local Similarity 68.4%;
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                                                                                                                                                                                                                                                                                             ; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-3191
                                                                                                                                                                                                                                                                                                                                                                                                                                                     13; Conservative
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Matches 17; Conservative
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US-10-786-720-11638
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 1420
US-10-786-720-11638
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                                                                                                                                                                                                                                            SEQ ID NO 3191
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APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
                                      Sequence 90, Application US/10627253A

Sequence 90, Application US/10627253A

Publication No. US20040161768A1

GENERAL INFORMATION:

APPLICANT: BRINKWANN, ULRICH

APPLICANT: HOPFMEYER, SYEN

TITLE OF INVENTION: DIAMOSTIC AND THERAPEUTIC APPLICATIONS

TITLE OF INVENTION UNBER: US/10/627,253A

CURRENT APPLICATION NUMBER: PCT/EP02/00796

PRIOR FILING DATE: 2002-01-25

PRIOR FILING DATE: 2001-01-26

NUMBER OF SEQ ID NOS: 406

SEQ ID NO 90

LENGTH: 21
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CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFI
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Sequence 2942, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
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; Publication No. US20040191818A1
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Best Local Similarity 68.49
Matches 13; Conservative
                           -10-627-253A-90/c
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US-10-786-720-3191
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LENGTH: 21
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Sequence 17002, Application US/10751736

Sequence 17002, Application US/10751736

Publication No. US20040265230A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Brown, Eugene

TITLE OF INVENTION: CANCERE

TITLE OF INVENTION: CANCERE

TITLE OF INVENTION: CANCERE

TITLE OF INVENTION: Provisional Application 60/438,000

CURRENT FILING DATE: 2003-01-06

CURRENT FILING DATE: 2003-01-06

NUMBER OF SEQ ID NOS: 54873

SOFTMARE: PatentIn version 3.2

SEQ ID NO 17002
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US-10-674-159A-190
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         US-10-674-159A-190/c

SUB-10-674-159A-190/c

SUB-10-674-159A-190/c

SUB-10-674-159A-190/c

SUB-10-674-159A-190/c

SUB-10-674-159A-190/c

SUB-10-674-159A-190/c

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US-10-751-736-23635
; Sequence 23655, Application US/10751736
; Publication No. US20040265230A1
; GENERAL INFORMATION:
; APPLICANT: Martinez, Robert
; APPLICANT: Martinez, Robert
; APPLICANT: Liu, Wei
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence (siRNA)
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APPLICANT: 0700le, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFRENCE: 031896-023000 (AMI01331L.)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT PILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PATENTIN Version 3.2
SEQ ID NO 20191
LENGTH: 21
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US-10-786-720-20465

Sequence 20465, Application US/10786720

Publication No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Liu, Watch

APPLICANT: D'Toole, Margot

APPLICANT: Liu, Watch

APPLICANT: O'Toole, Margot

APPLICANT: D'TILE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT PILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PARENTE PREPARE: APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATION APPLICATIO
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                                                                                                                                                                                   Score 15.8; DB 1; Length 21; Pred. No. 1.3e+03;
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89.5%; Pred. No. 1.3e+03;
tive 0; Mismatches 2; Indels
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Pred. No. 1.3e+03;
3; Mismatches 2; Indels
                                                                                                                                                                                                                                                                          2; Indels
                                                                                                                                                                          Query Match 0.7%; Score 15.8; Dest Local Similarity 57.9%; Pred. No. 1.3e Matches 11; Conservative 6; Mismatches
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; Sequence 20191, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
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1 UUCUCCUACCUCAGCCUAC 19
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Best Local Similarity 73.7%;
Matches 14; Conservative
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; ORGANISM: RNAi-sense strand
US-10-786-720-20465
                                         ; ORGANISM: RNAi-sense strand US-10-786-720-19991
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 89.51
Matches 17; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; TYPE: DNA; ORGANISM: Homo sapiens
US-10-786-720-20191
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LENGTH: 21
TYPE: RNA
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US-10-751-736-42593/c

i US-10-751-736-42593/c

i Sequence 42593, Application US/10751736

j Publication No. US20040265230Al

j GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: Watinez, Robert

APPLICANT: Brown, Eugene

APPLICANT: Liu, Wei

ITILE OF INVENTION: CANCERS

ITILE OF INVENTION: CANCERS

FILE REFERENCE: AM100927 (031896-002000)

CURRENT APPLICATION NUMBER: US/10/751,736

CURRENT APPLICATION NUMBER: US 2003-01-06

PRIOR FILING DATE: 2003-01-06

PRIOR FILING DATE: 2003-01-06

PRIOR FILING DATE: 2003-01-06

SOUTHARE: PatentIn version 3.2

SEQ ID NO 42593

LENGTH: 21

LENGTH: 21

LENGTH: 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 23935, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Watch
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANDERS: US/10/751,736
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US/10/751,736
CURRENT APPLICATION NUMBER: US/10/751,736
PRIOR APPLICATION NUMBER: US/10/51,736
PRIOR FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
PRIOR FILING DATE: 2003-01-06
                                                                                                                                                                                                                     0.7%; Score 15.8; DB 1; Length 21;
89.5%; Pred. No. 1.3e+03;
Live 0; Mismatches 2; Indels
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89.5%; Pred. No. 1.3e+03;
live 0; Mismatches 2;
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                                          SOFTWARE: PatentIn version 3.2
SEQ ID NO 23926
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SOFWRARE: Patentin version 3.2
SEQ ID NO 23935
LENGTH: 21
                  NUMBER OF SEQ ID NOS: 54873
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Best Local Similarity 89.5
Matches 17; Conservative
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Best Local Similarity 89.5
Matches 17; Conservative
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CRGANISM: homo sapiens
US-10-751-736-23935
                                                                                                                TYPE: DNA
ORGANISM: homo sapiens
US-10-751-736-23926
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Sequence 23770, Application US/10751736

Bublication No. US20040265230A1

GENERAL INFORMATION:
APPLICANT: Watthez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Weith
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE REFERENCE: AM100927 (031896-002000)
CURRENT APPLICATION NUMBER: US/10/751,736
FILE REPLICATION NUMBER: US/10/751,736
FRIOR PRILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: PatentIn version 3.2
SEQ ID NO 23770
LENGTH: 21
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APPLICANT: Wyeth
APPLICANT: Martinez, Robert
APPLICANT: Brown, Eugene
APPLICANT: Liu, Wei
APPLICANT: Liu, Wei
TITLE OF INVENTION: CONFOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
FILE OF INVENTION NUMBER: US/10/751,736
FILE OF THE OFFICE TOWN NUMBER: US Provisional Application 60/438,000
PRIOR FILING DATE: 2003-01-06
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON TITLE OF INVENTION: CANCERS FILE REPERENCE: AM10.0927 (031996-002000) CURRENT APPLICATION NUMBER: US/10/751,736 CURRENT FILING DATE: 2003-01-06 PRIOR PAPLICATION NUMBER: US Provisional Application 60/438,000 PRIOR PILING DATE: 2003-01-06 NUMBER OF SEQ ID NOS: 54873 SOFTWARE PAECHLIN version 3.2 SEQ ID NO 23635 LENGTH: 21
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Pred. No. 1.3e+03;
0; Mismatches 2; Indels
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; Sequence 23926 Application US/10751736
; Rublication No. US20040265230A1
; GENERAL INFORMATION:
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Best Local Similarity 89.5:
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Best Local Similarity 89.5
Matches 17; Conservative
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US-10-751-736-23635
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Patent No. US20020048800A1
GENERAL INFORMATION.
GENERAL INFORMATION.
APPLICANT: GI, Yizhong
APPLICANT: FERN, Sharron G.
APPLICANT: HANZEL, David R.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE FILE REFERENCE: APPLICATION NUMBER: US/09/866,108
CURRENT APPLICATION NUMBER: 2001-05-25
                                                                                                                                                                                                                                                     Gaps
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                            FRATURE:
OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
OTHER INFORMATION: human gene
US-09-790-417-252
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0.6%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1;
                                                                                                                                                                                  Query Match

0.6%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1;
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-04
PRIOR FILING DATE: 2000-06-26
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-30
PRIOR PRILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR PRILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
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ORGANISM: Artificial Sequence
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APPLICANT: Martinez, Robert
APPLICANT: Brown, Bugene
APPLICANT: Liu, Weil
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
TITLE OF INVENTION: CANCERS
TITLE OF INVENTION: CANCERS
FILE REPERENCE: AM100927 (031896-002000)
CURRENT APPLICANTON NUMBER: US/10/751,736
CURRENT FILING DATE: 2003-01-06
NUMBER OF SEQ ID NOS: 54873
SOFTWARE: Patentin version 3.2
SOFTWARE: Patentin version 3.2
LENGTH: 21
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                      Query Match 0.7%; Score 15.8; DB 1; Length 21; Best Local Similarity 89.5%; Pred. No. 1.3e+03; Matches 17; Conservative 0; Mismatches 2; Indels
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TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: Pro-103 6868/75528
CURRENT APPLICATION NUMBER: US/09/790,417
                                                                                                                                                                                                                                                                                               RESULT 1431
US-10-751-736-42917/C
Sequence 42917, Application US/10751736
Publication No. US20040265230A1
GENERAL INFORMATION:
APPLICANT: Weth
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PRIOR APPLICATION NUMBER: 09/358,972
PRIOR PILING DATE: 1999-07-21
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR FILING DATE: 1998-03-13
NUMBER OF SEQ ID NOS: 290
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 252
LENGTH: 17
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Patent No. US20010031470A1
GENERAL INFORMATION:
                                                                                                                                            2352 GATTACAGGCATGAGCCAC 2370
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Mandrekar, Michelle
Kephart, Daniel
Rhodes, Richard B.
Andrews, Christine A.
Hartnett, James R.
Gu, Trent
Olson, Ryan J.
Wood, Keith W.
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APPLICANT: Lewis, Martin K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-09-790-417-252/c
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ORGANISM: RNA!
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APPLICANT:
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APPLICANT:
APPLICANT:
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Sequence 802, Application US/09776474

Publication No. US20030087847A1

FORERAL INFORMATION:
APPLICANT: Billosyme Pharmaceuticals, Inc.
APPLICANT: Boober, Robert
APPLICANT: Boober, Robert
APPLICANT: Fattaey, Ali
APPLICANT: Fattaey, Ali
APPLICANT: Fattaey, Ali
APPLICANT: Fattaey, Ali
APPLICANT: Massay and Reagent for the Inhibition of Checkpoint Kinase-1 (CH
TITLE OF INVENTION: Method and Reagent for the Inhibition of Checkpoint Kinase-1 (CH
TITLE OF INVENTION: Warbar 12/09/098)
CURRENT APPLICATION NUMBER: US/09/776,474

CURRENT FILING DATE: 2001-02-02

NUMBER OF SEQ ID NOS: 2992

NUMBER OF SEQ ID NOS: 2992

SOFTWARE PATENTIN VERSION 3.0

SEQ ID NO 802

LENGTH: 17
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US-09-776-474-802
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CURRENT APPLICATION NUMBER: US/10/152,297
CURRENT FILING DATE: 2002-05-20
PRIOR PELICATION NUMBER: US/09/383,316
PRIOR PELING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/522,436
PRIOR FILING DATE: 1999-02-18
PRIOR FILING DATE: 1998-03-13
PRIOR FILING DATE: 1998-03-13
PRIOR FILING DATE: 1998-07-21
PRIOR FILING DATE: 1999-07-21
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APPLICANT: Wood, Keith W.
APPLICANT: Wolch, Roy
TITLE OF INVENTION: Nucleic Acid Detection
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 88, Application US/10152297
Publication No. US20030077621A1
GENERAL INFORMATION:
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Mandrekar, Michelle
Kephart, Daniel
Rhodes, Richard B.
Andrews, Christine A.
Hartnett, James R.
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Shultz, John W
APPLICANT: Lewis, Martin K.
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APPLICANT: Boobert
APPLICANT: Boobert
APPLICANT: Boobert
APPLICANT: Boobert
APPLICANT: Boobert
APPLICANT: Actaey, Ali
APPLICANT: Pattaey, Ali
APPLICANT: Booker and Reagent for the Inhibition of Checkpoint Kinase-1 (CHR
TITLE OF INVENTION: Brzyme
FILE REFRENCE: Mabble 2001-02-02
CURRENT APPLICATION NUMBER: US 60/179,983
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 2992
SOFTWARE: Patentin version 3.0
SEQ ID NO 13
LENGTH: 17
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APPLICANT: Mandrekar, Michelle N.
APPLICANT: Shultz, John
APPLICANT: Shultz, John
TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
FILE REPRENCE: US CIP of PRO-104.0
CURRENT APPLICATION NUMBER: US/09/739,909
CURRENT FILING DATE: 1999-07-21.
PRIOR APPLICATION NUMBER: 09/383,316
PRIOR APPLICATION NUMBER: 09/383,316
PRIOR FILING DATE: 1999-08-25
NUMBER OF SEQ ID NOS: 30
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 2
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US-09-776-474-13
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Publication No. US20030087847A1
GENERAL INFORMATION:
                                                                                                                                                                                                   Sequence 2, Application US/09739909
Publication No. US20030022163A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2112 TGCTCTGTTACCCAGGC 2128
818 AGAAATTCAGATGAAT 834
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; ORGANISM: Homo sapiens
US-09-739-909-2
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Sequence 564, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, James

TITLE OF INVENTION: Levels of IKK-Gamma and PKR

TITLE OF INVENTION: Levels of IKK-Gamma and PKR

FILE REFERENCE: MBHB01-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SEQ ID NO 564

LENGTH: 17
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Publication No. US2030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relater
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
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Sequence 575., Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: MCSWiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relatic TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
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0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 1.4e+03;
Matches 10; Conservative 6; Mismatches 1; Indels
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Matches 11, Conservative
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CORGANISM: Homo sapiens
US-10-156-306-564
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US-10-156-306-565
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                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 414, Application US/10060998
Publication No. US20030104530A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
FILE REFERENCE: PB01108
CURRENT APPLICATION NUMBER: US/10/060,998
CURRENT FILING DATE: 2002-01-30
FRIOR PEPLICATION NUMBER: PCT/US01/00666
FRIOR PELING DATE: 2001-01-30
FRIOR PELING DATE: 2001-05-23
FRIOR PELING DATE: 2001-05-23
FRIOR APPLICATION NUMBER: US 60/343,331
FRIOR PELING DATE: 2001-15-23
FRIOR PELING DATE: 2001-15-23
FRIOR APPLICATION NUMBER: US 60/343,331
FRIOR APPLICATION NUMBER: US 60/343,331
FRIOR APPLICATION STEER CONTINUMBER: US 60/343,331
FRIOR APPLICATION NUMBER: US 60/343,331
FRIOR APPLICATION STEER CONTINUMBER: US 60/343,331
FRIOR APPLICATION STEER CONTINUMBER OF SEQ ID NOS: 3056
SEQ ID NO 414
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                      FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:probe to Alu2
COTHER INFORMATION: human gene
US-10-152-297-88
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                                                                                                                                           Query Match 0.6%; Score 15.4; DB 1; Length 17; Best Local Similarity 94.1%; Pred. No. 1.4e+03; Matches 16; Conservative 0; Mismatches 1; Indels
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ORGANISM: Artificial Sequence
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ORGANISM: Homo sapiens
US-10-060-998-414
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; ORGANISM: Homo sapiens
US-10-156-306-563
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US-10-060-998-414/c
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LENGTH: 17
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymetic Nucleic Acid Treatment of Diseases or Conditions Relat
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT APPLICATION NUMBER: US/10/156,306
NUMBER OF SEQ ID NOS: 8013
SOPTWARE: Patentin version 3.0
SEQ ID NO 1652
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APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymetic Nucleic Acid Treatment of Diseases or Conditions Relat
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 1653
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Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Ribozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat TITLE OF INVENTION: Levels of IKK-Gamma and PKR.

FILE REPRENCE MENDOL-664-A (400/050)

CURRENT APPLICATION UNMER: US/10/156,306

CURRENT FILING DATE: 2002-05-28
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0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels
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                                                                                                            US-10-156-306-1652
Sequence 1652, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
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Sequence 1653, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
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            1 UCUGUUGCCCAGGCUGG 17
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; ORGANISM: Homo sapiens
US-10-156-306-1653
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US-10-156-306-1652
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Best Local Similarity
Matches 12; Conserva
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: RIDOZYME Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 576
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REPRENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT PILIOR DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: PatentIn version 3.0
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0.6%; Score 15.4; DB 1;
Best Local Similarity 64.7%; Pred. No. 1.40+03;
Matches 11; Conservative 5; Mismatches 1;
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0.6%; Score 15.4; DB 1;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1;
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       2002-05-28
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CURRENT FILING DATE: 2002-05-2
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 575
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CORGANISM: Homo sapiens
US-10-156-306-575
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CORGANISM: Homo sapiens
US-10-156-306-576
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US-10-156-306-1651
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US-10-156-306-1651
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US-10-156-306-2390

Sequence 2390, Application US/10156306

Sequence 2390, Application No. US20030119017A1

Sequence 2390, Application No. US20030119017A1

Publication No. US20030119017A1

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSaviggen, James

TITLE OF INVENTION: Levels of IKK-Gamma and PKR

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: PatentIn version 3.0

LENGTH: 17
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"Sequence 2403, Application US/10156306

"Sequence 2403, Application US/10156306

"Publication No. US20030119017A1

"GENERAL INFORMATION:

"APPLICANT: Ribozyme Pharmaceuticals, Inc.

"APPLICANT: Ribozyme Pharmaceuticals, Inc.

"APPLICANT: Ribozyme Pharmaceuticals, Inc.

"APPLICANT: MSWiggen, James

"TITLE OF INVENTION: Levels of IKK-Gamma and PKR

"TITLE OF INVENTION: Levels of IKK-Gamma and PKR

"TITLE OF INVENTION UNDER: US/10/156,306

"CURRENT FILING DATE: 2002-05-28

"NUMBER OF SEQ ID NOS: 8013

"SOFTWARE PATENTIN Version 3.0

"SEQ ID NO 2403

"LENGTH: 17
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US-10-156-306-2415
US-10-156-306-2415
Sequence 2415, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICANTION UNDER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
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0.6%; Score 15.4; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 1.4e+03;
Matches 12; Conservative 4; Mismatches 1; Indels
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Matches 13; Conservative
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; ORGANISM: Homo sapiens
US-10-156-306-2390
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ORGANISM: Homo sapiens
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US-10-156-306-2389
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US-10-156-306-2389
US-10-156-306-2389
US-10-156-306-2389
Sequence 2389, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICAMT: Ribozyme Pharmaceuticals, Inc.
APPLICAMT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
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TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
SOUTHENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOOFWARE: Patentin version 3.0
SEQ ID NO 2389
LENGTH: 17
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GENERAL INFORMATION:
APPLICANT: Miozyme Pharmaceuticals, Inc.
APPLICANT: Biozyme Pharmaceuticals, Inc.
APPLICANT: Miozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Mombars: US,10/156,306
CURRENT APPLICATION NUMBER: US,10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 1718
LENGTH: 17
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                       SOFTWARE: Patentin version 3.0 SEQ ID NO 1681
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Matches 13; Conservative
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Best Local Similarity 76.5
Matches 13, Conservative
NUMBER OF SEQ ID NOS: 8013
                                                                                                     TYPE: RNA
CORGANISM: Homo sapiens
US-10-156-306-1681
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; ORGANISM: Homo sapiens
US-10-156-306-2389
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Best Local Similarity
Matches 11, Conserva
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US-10-156-306-1718
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Sequence 3778, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
TYPLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat TITLE OF INVENTION: Levels of IKK-Gamma and PKR

TITLE OF INVENTION: Levels of IKK-Gamma and PKR

TITLE OF INVENTION: Levels of IKK-Gamma and PKR

FILE REFERENCE: MEHBO1-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: Patentin version 3.0

SEQ. 10 NO 3778
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Publication No. US2030119017A1

GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Micswiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBH901-664-A (400/050)
CURRENT FILIAG DATE: 2002-05-28

CURRENT FILIAG DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: Patentin version 3.0

SEQ ID NO 3787

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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
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; ORGANISM: Homo sapiens
US-10-156-306-3787
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Expendic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 2891
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Publication No. US20030119017A1
GENERAL INFORMATION:
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SOFTWARE: PatentIn version 3.0
SEQ ID NO 2415
LENGTH: 17
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Best Local Similarity 70.69
Matches 12, Conservative
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US-10-156-306-2891
                                                                                                                                                         ORGANISM: Homo sapiens
US-10-156-306-2415
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Best Local Similarity
Matches 13; Conserv
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                                                                                                                       TYPE: RNA
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Sequence 3799, Application US/10156306
| Publication No. US20030119017A1
| Publication No. US20030119017A1
| Publication No. US20030119017A1
| Publication No. US20030119017A1
| APPLICANT: McSwiggen, James
| TITLE OF INVENTION: Enrymatic Nucleic Acid Treatment of Diseases or Conditions Relate
| TITLE OF INVENTION: Enrymatic Nucleic Acid Treatment of Diseases or Conditions Relate
| TITLE OF INVENTION: Enrymatic Nucleic Acid Treatment of Diseases or Conditions Relate
| TITLE OF INVENTION: Enrymatic Nucleic Acid Treatment of Diseases or Conditions Relate
| TITLE OF INVENTION: Enrymatic Nucleic Acid Treatment of Diseases or Conditions Relate
| TITLE OF INVENTION: Levels of IKK-Gamma and PKR | FILE REFERENCE: MURBER OF SEQ ID NOS: 8013
| SOFTWARE Patentin Version 3.0 | SOFTWARE Patentin Version 3.0 | LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 3800, Application US/10156306
Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
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Sequence 3801, Application US/10156306

Publication No. US20030119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Roswiggen, James

TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate;

TITLE OF INVENTION: Levels of IKK-Gamma and PKR

FILE REFERENCE: MBH801-664-A (400/050)

CURRENT APPLICATION NUMBER: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013
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Best Local Similarity 76.5%; Pred. No. 1.4e+03;
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ORGANISM: Homo sapiens
US-10-156-306-3799
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US-10-156-306-3800
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US-10-156-306-3800
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LENGTH: 17
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[GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REPERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 3790
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Sequence 3795, Application US/10156306

Sequence 3795, Application US/10156306

Sequence 3795, Application US/20130119017A1

Sequence 3795, Application US/20130119017A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Rickingen, James

TITLE OF INVENTION: Levels of IKK-Gamma and PKR

FILE REFERENCE: MBHB01-664-A (400/050)

FULE REFERENCE: MBHB01-664-A (400/050)

CURRENT APPLICATION UNMERE: US/10/156,306

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 8013

SOFTWARE: Patentin version 3.0
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Pred. No. 1.4e+03;
3; Mismatches 1; Indels
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Best Local Similarity 70.69
Matches 12, Conservative
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Best Local Similarity 76.5
Matches 13, Conservative
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; ORGANISM: Homo sapiens
US-10-156-306-3790
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) ORGANISM: Homo Bapiens
US-10-156-306-3795
                                                  TYPE: RNA
ORGANISM: Homo sapiens
US-10-156-306-3789
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US-10-156-306-3790
SEQ 1D NO 3789
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Sequence 679, Application US/10238700
| Publication No. US20030153521A1
| GENERAL INFORMATION:
| APPLICANT: Ribozyme Pharmaceuticals, Inc.
| APPLICANT: Ribozyme Pharmaceuticals, Inc.
| APPLICANT: McSwiggen, James
| TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve FILE REFERENCE: 400/057 (MBHB01-1158-A)
| CURRENT APPLICATION NUMBER: US/10/238,700
| FRIOR APPLICATION NUMBER: US 60/318,471
| PRIOR FILING DATE: 2002-05-29
| PRIOR FILING DATE: 2001-09-10
| PRIOR FILING DATE: 2001-09-10
| NUMBER OF SEQ ID NOS: 4666
| SOPTWARE: Patentin version 3.0
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Sequence 24, Application US/10255434

Sequence 24, Application US/10255434

Sequence 24, Application US/2030129626A1

GENERAL INFORMATION:
APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Suppression Of Detectable Probe Binding To The
TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
FILE REFERENCE: BPO101-US

CURRENT APPLICATION NUMBER: US/10/255,434

CURRENT PILING DATE: 2002-09-24

NUMBER OF SEQ ID NOS: 26

SOFTWARE: Patentin Ver. 2.1

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US-10-255-434-24
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           16; Conservative
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Best Local Similarity
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Publication No. US20030119017A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of IKK-Gamma and PKR
FILE REFERENCE: MBHB01-664-A (400/050)
CURRENT APPLICATION NUMBER: US/10/156,306
CURRENT PILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 8013
SOFTWARE: Patentin version 3.0
SEQ ID NO 3802
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APPLICANT: Hyldig-Nielsen, Jens J.
APPLICANT: Williams, Brett F.
TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid FILE REFERENCE: BP0101-10.5
CURRENT APPLICATION NUMBER: US/10/255,434
CURRENT PILING DATE: 2002-09-24
NUMBER OF SEQ ID NOS: 26
SSGTWARE: PatentIn Ver. 2.1
SSG ID NO 12
LENGTH: 17
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88.2%; Pred. No. 1.4e+03;
tive 1; Mismatches 1; Indels
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Publication No. US20030129626A1
GENERAL INFORMATION:
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Best Local Similarity 88.24
Matches 15; Conservative
                              TYPE: RNA
ORGANISM: Homo sapiens
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US-10-156-306-3802
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Best Local Similarity
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LENGTH: 17
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APPLICANT: Bowen, Benjamin A
TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
FILE REFERENCE: 37-00011008
CURRENT APPLICATION NUMBER: US/10/339,782
CURRENT FILING DATE: 2003-01-08
NUMBER OF SEQ ID NOS: 495
SOFWARE: Patentin version 3.1
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Pred. No. 1.4e+03;
0; Mismatches 1; Indels
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APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REFERENCE: P80178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT FILING DATE: 2002-01-30
FRIOR APPLICATION NUMBER: PCT/US01/00666
FRIOR FILING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: PCT/US01/00667
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR FILING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR FILING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR FILING DATE: 2001-01-30
FRIOR FILING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: PCT/US01/00663
FRIOR FILING DATE: 2001-01-30
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FRIOR FILING DATE: 2001-01-30
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Publication No. US20030166229A1
GENERAL INFORMATION:
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; Sequence 695, Application US/10061201
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ilarity 94.1%;
Conservative (
         Goodman, Laurie J
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Best Local Similarity 94.19
Matches 16; Conservative
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CORGANISM: Homo sapiens
US-10-339-782-278
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US-10-061-201-694
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Best Local Similarity
Matches 16; Conserv
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Sequence 718, Application US/10238700

Publication No. US20030153521A1

GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MBH901-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700
CURRENT APPLICATION NUMBER: PCT/US 02/16840
PRIOR APPLICATION NUMBER: PCT/US 02/16840
PRIOR FILING DATE: 2002-09-18
PRIOR FILING DATE: 2001-09-10
NUMBER OF SEQ ID NOS: 4666
SOFTWARE: PatentIn version 3.0
SEQ ID NO 718
LENGTH: 17
                                                                                                                                                                                           GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: Michozyme Pharmaceuticals, Inc.

APPLICANT: Michozyme Pharmaceuticals, Inc.

APPLICANT: Michozyme Pharmaceuticals, Inc.

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level

FILE REFERENCE: 400/057 (MBHB01-1158-A)

CURRENT APPLICATION NUMBER: US/10/238,700

CURRENT FILING DATE: 2002-09-18

PRIOR PILING DATE: 2001-09-10

RUMBER: OF SEQ ID NOS: 4666

SEQ ID NOS: 4666

SEQ ID NO 699
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Best Local Similarity 70.6%; Pred. No. 1.4e+03;
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US-10-339-782-278/c
IS-10-339-782-278/c
; Sequence 278, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
                                                                                                                                          Sequence 699, Application US/10238700
Publication No. US20030153521A1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               2298 GGTCTCGATCTCCTGAC 2314
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             1 CUGGGAUUACAGGCGUG 17
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1 AGGCUGGAAUGCAGUGG 17
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Matches 12; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ORGANISM: Homo sapiens
US-10-238-700-699
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                                                                                 RESULT 1467
US-10-238-700-699
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 17
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0; Mismatches
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PRIOR APPLICATION NUMBER: 0S 99/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: 2001-05-25
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; Publication No. US20040137589A1
; GENERAL INFORMATION:
                                                                                                                                                     Sequence 170, Application US/10282174
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                2125 AGGCTGGAGTGCAGTGG 2141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match

Best Local Similarity 94.1%;
Matches 16; Conservative
                                                                                                                                                                                  US20030224380A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 17 Accercicacrecaires 1
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Publication No. US20030190617A1
GENERAL INFORMATION
APPLICANT: RAYMOND, VINCENT
APPLICANT: MORISETTE, JEAN
ITILE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
FILE REFERENCE: 13587.338
CURRENT APPLICATION NUMBER: US/10/091,281
CURRENT PILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 463
SSOTUMARE: Patentin Ver. 2.1
SSOTUMARE: Patentin Ver. 2.1
LENGTH: 17
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US-10-091-281-354
                                                  APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
FILE REPREBRENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061,201
CURRENT PILING DATE: 2002-01-30
FRIOR PILING DATE: 2001-01-30
FRIOR FILING DATE: 2001-01-30
FRIOR FILING DATE: 2001-01-30
FRIOR FILING DATE: 2001-01-30
FRIOR FILING DATE: 2001-01-30
FRIOR PILING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR FILING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR FILING DATE: 2001-01-30
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR APPLICATION NUMBER: PCT/US01/00669
FRIOR APPLICATION NUMBER: US 09/864,761
FRIOR APPLICATION NUMBER: US 09/864,761
FRIOR APPLICATION NUMBER: US 09/864,761
FRIOR APPLICATION NUMBER: US 09/864,761
FRIOR APPLICATION NUMBER: US 09/864,761
FRIOR FILING DATE: 2001-01-30
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FRIOR FILING DATE: 2001-01-3
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Publication No. US20030166229A1
GENERAL INFORMATION:
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Best Local Similarity 94.1
Matches 16; Conservative
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ORGANISM: Homo sapiens
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ORGANISM: Homo sapiens
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APPLICANT: GU, Yizhong
APPLICANT: GU, Yizhong
APPLICANT: GU, Yonggang
APPLICANT: PENN, Jaricon G.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A:
FILE REFERENCE: PBOIO5
CURRENT APPLICATION NUMBER: US/10/723,361
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Gaps
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TYPE: DNA
CORGANISM: Homo sapiens
US-10-089-887-4
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PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PLING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PELING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
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| Sequence 2244, Application US/10498462 |
| Sequence 2244, Application US/10498462 |
| Publication No. US20040259175A1 |
| GENERAL INFORMATION: HUMAN PROSTATE CANCER CANDIDATE PROTEIN 1 |
| FILE REFERENCE: PB0110A |
| FILE REFERENCE: PB0110A |
| FILE REPERINCE: PB0110A |
| FILE REPERINCE: PB0110A |
| FILE REPERINCE: PB0110A |
| PRIOR RILING DATE: 2001-12-10 |
| PRIOR PILING DATE: 2001-12-10 |
| PRIOR FILING DATE: 2001-12-2 |
| NUMBER OF SEQ ID NOS: 3320 |
| SEQ ID NO 2244 |
| LENGTH: 17 |
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94.1%; Pred. No. 1...
0; Mismatches
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Patent No. US20020150891A1
GENERAL INFORMATION:
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Best Local Similarity 94.1:
Matches 16; Conservative
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Best Local Similarity 94.1
Matches 16; Conservative
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; ORGANISM: Homo sapiens
US-10-498-462-2244
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; ORGANISM: Homo sapiens
US-10-723-361-7368
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APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIACNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
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Pred. No. 1.4e+03;
0; Mismatches 1; Indels
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                                                                                                     STATE: 0.300 COLUMDIA CENTER; 701 FILLIN AVENUE
STATE: Washington
COMPITY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: RIOPY disk
COMPUTER: 1BM PC COMPALIALE
OPERATING SYSTEM: PC-DOS/NS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMasters, David D.
REGISTRATION NUMBER: 920010.426C2
TELEPHONE: (206) 682-6031
INFORMATION FOR SEQ ID NO: 1276:
SEQUENCE CHARACTREISTICS:
LEBERGORY CHARACTREISTICS:
SEQUENCE CHARACTREISTICS:
LEBERGORY CHARACTREISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 15.4; DB 1;
Pred. No. 1.4e+03;
0; Mismatches 1;
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Best Local Similarity 94.1%;
Matches 16; Conservative (
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Best Local Similarity 94.1%;
Matches 16; Conservative
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STRANDEDNESS: single
TOPOLOGY: linear
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US-09-263-959-1172
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Sequence 438, Application US/10477238A

PUBLication No. US20040221326A1

GENERAL INFORMATION:
APPLICANT: Babij, Philip
APPLICANT: Babij, Philip
APPLICANT: Backser, Frederick J. III
APPLICANT: Bodine, Peter Van Nest
TITLE OF INVENTION: Transpenic Animal Model of Bone Mass Modulation
FILE REFERENCE: 032796-212
CURRENT APPLICATION NUMBER: US/10/477,238A

CURRENT FILING DATE: 2003-11-10

PRIOR FILING DATE: 2001-05-11
PRIOR PELING DATE: 2001-05-17

PRIOR FILING DATE: 2001-05-17

PRIOR FILING DATE: 2002-02-01

PRIOR FILING DATE: 2002-02-01

PRIOR FILING DATE: 2002-02-01

PRIOR FILING DATE: 2002-03-04

NUMBER OF SEQ ID NOS: 812

SECTION NO A38

SECTION NO A38

SECTION NO A38
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0.6%; Score 15.4; DB 1; Length 18; 94.1%; Pred. No. 1.4e+03; tive 0; Mismatches 1; Indels
                                                               APPLICANT: Carulli, John P.
APPLICANT: Little, Randall D.
APPLICANT: Little, Randall D.
APPLICANT: Recker, Robert R.
APPLICANT: Scherr, Robert R.
APPLICANT: Forner, Mark L.
TITLE OF INVENTION: High bone mass gene of 11q13.3
TITLE OF INVENTION: High bone mass gene of 11q13.3
CURRENT APPLICATION NUMBER: US/10/731,739
CURRENT APPLICATION NUMBER: US/09/544,398B
PRIOR FILING DATE: 2002-06-10
PRIOR FILING DATE: 1999-01-13
PRIOR FILING DATE: 1998-01-13
PRIOR FILING DATE: 1998-01-13
PRIOR FILING DATE: 1998-01-13
PRIOR FILING DATE: 1998-01-13
SPRIOR FILING DATE: 1998-10-23
NUMBER OF SEQ ID NOS: 641
SCOFTWARE: FRSESEQ FOR WINDOWS Version 4.0
Application US/10731739
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2345 GTGCTGGGATTACAGGC 2361
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                           US20040176582A1
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Matches 16; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ORGANISM: Homo sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-10-731-739-438
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SEQ ID NO 438
LENGTH: 18
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LENGTH: 18
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Sequence 90, Application US/10027983
| Publication No. US20030139360A1
| GENERAL INFORMATION:
| APPLICANT: Mark P. Roach
| TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
| FILE REFERENCE: RTS-034
| CURRENT FILING DATE: 2001-12-18
| WINDER OF SEQ ID NOS: 98
| LENGTH: 20
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                                                           Gaps
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       Query Match 0.6%; Score 15.4; DB 1; Length 20; Best Local Similarity 94.1%; Pred. No. 1.4e+03; Matches 16; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.6%; Score 15.4; DB 1; Length 20; Best Local Similarity 94.1%; Pred. No. 1.4e+03; Matches 16; Conservative 0; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Esterling, Lisa E.
TITLE OF INVENTION: Chromosomal Markers and Diagnostic
Tests for Manic-Depressive Illness
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COMPUTER: IBM Compatible OPERATING SYSTEM: DOS SOFTWARE: PARTSEQ for Windows Version 2.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Antisense Oligonucleotide US-10-027-983-90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Detera-Wadleigh, Sevilla D. Gershon, Blilot S.
Badner, Judith A.
Goldin, Lynn R.
Berrettini, Wade H.
Yoshikawa, Takeo
Sanders, Alan R.
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APPLICATION NUMBER: US/10/251,598
FILING DATE: 19-5ep-2002
CLASSIFICATION: «UNKNOWN»
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/091,952
FILING DATE: 19-Apr-1999
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-10-251-598-152/c
; Sequence 0, Application US/10251598
; Publication No. US20030170668A1
; GENERAL INFORMATION:
                                                                                                      2124 CAGGCTGGAGTGCAGTG 2140
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         2343 AAGTGCTGGGATTACAG 2359
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ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                   1 caggcregagracagre 17
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 197
                                                                                                                                                                                                                                                    US-10-027-983-90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
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Sequence 68, Application US/09964059B
Sequence 68, Application US/09964059B
Sequence 68, Application US/09064059B
Sequence 68, Application US/09030171875A1
GENERAL INFORMATION:
TITLE OF INVENTION: Sequence Data
FILE REFERENCE: 0201-0001
FILE REFERENCE: 0201-0001
CURRENT APPLICATION NUMBER: US/09/964,059B
CURRENT FILING DATE: 2002-12-23
PRIOR APPLICATION NUMBER: US 60/274,686
PRIOR FILING DATE: 2000-03-08
SEQ ID NOS: 239
SEQ ID NOS: 239
SEQ ID NOS: 239
SEQ ID NOS: 239
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                                                                                                                                                                                                                                                                                                   Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US-10-344.394-46

Sequence 46, Application US/10344394

Publication No. US20040058342A1

GENERAL INFORMATION:
APPLICANT: Yousef, George M.
APPLICANT: Diamandis, Eleftherios P.
ITLE OF INVENTION: NOVEL KALLIKREIN GENE
FILE REFERENCE: 11757.51USWO
CURRENT FILING DATE: 2003-03-11

PRIOR PLICATION NUMBER: US/10/344,394

CURRENT FILING DATE: 2001-08-10

PRIOR PLILING DATE: 2001-08-10

PRIOR PLILING DATE: 2001-08-11

PRIOR PLILING DATE: 2001-08-11

NUMBER OF SEQ ID NOS: 50

SOFTWARE: Patentin version 3.1

LENGTH: 19
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 1172:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDENNESS: single
                                                                                                                                                                                                                                                                                                                                           2144 GATCTTGGCTCACTGCA 2160
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 246 AACTGGGGAGTCTTGAG 262
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Homo Sapiens
US-09-964-059B-68
                                                                                                                                                                       ; TOPOLOGY: linear
US-09-263-959-1172
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RESULT 1488
US-10-289-762-6585/c
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 359, Application US/10005344
Publication No. US20030203862A1
GENERAL INFORMATION:
APPLICANT: Loren J. Miraglia
APPLICANT: Pamela Noro
APPLICANT: Mark J. Graham
APPLICANT: Bretch P. Monia
APPLICANT: Bretch Roller
APPLICANT: Mingyi Chiang
APPLICANT: Mano Manoharan
TITLE OF INVENTION: Antisense Modulation of mdm2 expression.
APPLICATION NUMBER: US 60/029,278
FILING DATE: 28-CTT-1996
APPLICATION NUMBER: PCT/US97/19381
FILING DATE: 28-CTT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Smith Timethy L.
REGISTAATION NUMBER: 35,367
REFERRNCE/DOCKET NUMBER: 015280-297100US
TELECOMMUTCATION INFORMATION:
TELEPHONE: (415) 576-0300
                                                                                                                                                                                                                                           TELEX: «Unknown»
INFORMATION FOR SEQ ID NO: Clone 23 forward primer SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILE REFERENCE: ISPH-0622
CURRENT APPLICATION NUMBER: US/10/005,344
CURRENT APPLICATION NUMBER: US/00/048,810
PRIOR APPLICATION NUMBER: US 09/048,810
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 1999-03-26
NUMBER OF SEQ ID NOS: 379
SOFTWARE: PastSEQ for Windows Version 4.0
SEQ ID NO 369
LENGTH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; LOCATION: 1...20
; SEQUENCE DESCRIPTION: SEQ ID NO: 152:
US-10-251-598-152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1904 CTTCTCTTTAGTATAT 1920
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      304 GCAGGCAAATGTGCAAT 320
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                                                                                                                                                                                                                                                                                                                                                                                       TOPOLOGY: linear MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                           NAME/KEY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    US-10-005-344-369/c
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Sequence 6585, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
ABDLICANT: Griffals, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev,
TITLE OF INVENTION: and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT APPLICATION NUMBER: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
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Sequence 608, Application US/10671395
Sequence 608, Application US/10671395
Sequence 608, Application US/2063A1
Sequence 608, Application No. US20040313063A1
GENERAL INFORMATION:
TITLE OF INVENTION: APPLICANT: Glerse, James K
TITLE OF INVENTION: EXPRESSION
FILE REFERENCE: 1179/1/US
CURRENT PAPLICATION NUMBER: US/10/671,395
CURRENT PELING DATE: 2003-09-25
PRIOR PILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
Sequence 90, Application US/10448753
Fublication No. US20030211611A1
GENERAL INFORMATION:
GENERAL INFORMATION:
THILE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REPERBENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/448,753
CURRENT PILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: US/10/027,983
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 90
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OTHER INFORMATION: Antisense Oligonucleotide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2343 AAGTGCTGGGATTACAG 2359
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; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6585
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ORGANISM: Artificial Sequence
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Matches 16, Conservative
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Best Local Similarity 94.1
Matches 16; Conservative
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US-10-181-174B-51
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Publication No. US20040209358A1

GENERAL INFORMATION:

APPLICANT: Brenda F. Baker

APPLICANT: Brenda F. Baker

TITLE OF INVENTION: ANTISENSE MODULATION OF SAP-1 EXPRESSION

FILE REFERENCE: RTS-0267

CURRENT FILING DATE: 2004-01-23

PRIOR PILING DATE: 2004-01-23

PRIOR FILING DATE: 2001-08-01

NUMBER OF SEQ ID NOS: 91

SEQ ID NO 87

LENGTH: 20
                                                                            Length 20;
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                                                                                                                       Indels
                                                                       Query Match

0.6%; Score 15.4; DB 1;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FILE REFERENCE: VOS-38
CURRENT APPLICATION NUMBER: US/10/181,174B
CURRENT FILING DATE: 2002-07-12
PRIOR PELLORION NUMBER: P 100 01 169.1
PRIOR FILING DATE: 2000-01-13
PRIOR FILING DATE: 2000-03-02
NUMBER OF SEQ ID NOS: 72
SEQ ID NO 51
LENGTH: 20
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       ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-848
                                                                                                                                                                  2349 TGGGATTACAGGCATGA 2365
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  2144 GATCTTGGCTCACTGCA 2160
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA
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Sequence 688, Application US/10671395

Sequence 688, Application US/10671395

Publication No. US20040132063A1

Sequence 688, Application US/10671395

Publication No. US20040132063A1

APPLICANT: Pharmacia Corp.

APPLICANT: Glere, James Moditation of MICROSOMAL PROSTAGLANDIN E2 SYNTHASE

TITLE OF INVENTION: EXPRESSION

FILE OF INVENTION: EXPRESSION

FILE OF INVENTION: EXPRESSION

CURRENT APPLICATION NUMBER: US/10/671,395

PRIOR APPLICATION NUMBER: 60/413,549

PRIOR PILLING DATE: 2002-09-25

NUMBER OF SEQ ID NOS: 1809

SOFTWARE: Patentin version 3.2

LENGTH: 20

LENGTH: 20
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Publication No. US20040132063A1
GENERAL INPORMATION:
APPLICANT: Gierse, James K
TITLE OF INVENTION: EXPRESSION
FILE REPRENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR FILING DATE: 2002-09-25
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PATENTIN VUMBER: 0/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SEQ ID NO 848
LENGTH: 20
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0.6%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 1.4e+03;
Matches 16; Conservative 0; Mismatches 1; Indels
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CTHER INFORMATION: Human PGE2 antieense
US-10-671-395-688
                                                                                                                                                           ; OTHER INFORMATION: Human PGE2 antisense US-10-671-395-608
                                                                                                                                                                                                                                                                                                                        2101 AGACCGAGICTTGCTCT 2117
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NUMBER OF SEQ ID NOS: 1809
SOFWARE: Patentin version 3.2
SEQ ID NO 608
LENGTH: 20
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                                                                                        TYPE: DNA
ORGANISM: artificial
FEATURE:
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Sequence 32, Application US/09800631

Sequence 32, Application US/09800631

Patent No. US20020082228A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP

FILE REFERENCE: ISPH-0544

CURRENT APPLICATION NUMBER: US/09/800,631

CURRENT PILING DATE: 2001-03-07

PRIOR FILING DATE: 2000-09-07

NUMBER OF SEQ ID NOS: 175

SEQ ID NO 32

LENGTH: 20
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APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXF
FILE REPERENCE: ISPH-05-4
CURRENT APPLICATION NUMBER: US/09/800,631
CURRENT PILLING DATE: 2001-03-07
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
SEQ ID NOS: 175
LENGTH: 20
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0.6%; Score 15.2; DB 1; Length 20; 85.0%; Pred. No. 1.4e+03; Live 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          , OTHER INFORMATION: Antisense Oligonucleotide US-09-800-631-32
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-800-631-33
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                                                                                                          2106 GAGTCTTGCTCTGTTACCCA 2125
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2275 GGTTTCACCGTGTTAGCCAG 2294
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                                                                                                                                                       20 GAGTCTTGGTCTGTCGCCCA 1
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                                                     17; Conservative
                          Best Local Similarity
Matches 17; Conserv
                                                                                                                                                                                                                                                            US-09-800-631-32
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       Query Match
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Publication No. US2001000175A1

GENERAL INFORMATION:

APPLICANT: KURANE, RVICHIRO

APPLICANT: KANAGAMA, TAKAHIRO

APPLICANT: KANAGAMA, TOYOKAZU

APPLICANT: YAMADA, KAZUTAKA

APPLICANT: YOKOMAKU, TOYOKAZU

TITLE OF INVENTION: METHOD FOR DETERMINING A CONCENTRATION OF TARGET NUCLEIC ACID MOI

TITLE OF INVENTION: THE METHOD

TITLE OF INVENTION NUMBER: US/09/725,265

CURRENT APPLICATION NUMBER: US/09/725,265

CURRENT APPLICATION NUMBER: US/09/725,265

PRIOR FILING DATE: 2000-04-20

PRIOR FILING DATE: 1999-04-20

NUMBER OF SEQ ID NOS: 70

SSOFTMARE: PALENTIN VERSION 3.1
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US-09-733-294A-79/C
US-09-733-294A-79/C
Sequence 79, Application US/09733294A
Sequence 79, Application US/09733294A
Sequence 79, Application US/09733294A
SERENAT: Brett P. Monia
APPLICANT: Brett P. Monia
APPLICANT: Susan M. Freier
APPLICANT: Edward V. Wancewicz
TITLE OF INVENTION: ANTIERNE MODULATION OF TERT EXPRESSION
FILE REFERENCE: ISPH-0527
CURRENT PAPLICATION NUMBER: US/09/733,294A
CURRENT FILING DATE: 2000-05-16
SEQ ID NO 79
IENGTH: 20
LENGTH: 20
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  94.1%; Pred. No. 1.4e+03;
tive 0; Mismatches 1; Indels
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                                                                               2161
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                                                                                                            3 ATCTTGGCTCACTACAA 19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
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ORGANISM: Artificial Sequence
FEATURE:
                                                                             2145 ATCTTGGCTCACTGCAA
  Best Local Similarity 94.1
Matches 16; Conservative
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US-09-725-265-42/c
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LENGTH: 20
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Sequence 1274, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ö
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                                                                                                                                                                                                 SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE: Patentin Release #1.0, Version #1.25 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263.0c0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            3: Seed and Berry LLP
6300 Columbia Center, 701 Fifth Avenue
                                                                                                                                                                                                                                                                                                                 ATTORNEY AGENT INFORMATION:
NAME: MCMasters, David D.
REGISTRATION NUMBER: 33 963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEFAX: (206) 622-6031
INFORMATION FOR SEQ ID NO: 1166:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: mccleic acid
STRANDEDNESS: single
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NAME: McMasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIR READAS 81.0, N
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05-MAR-1999
                                                                                                                                                   COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2144 GATCTTGGCTCACTGCAAGC 2163
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              1 GATCTCAGCTCACTGCAATC 20
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INFORMATION FOR SEQ ID NO: 1274:
                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   STREET: 6300 Colum
CITY: Seattle
STATE: Washington
       Seattle
Washington
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                                                                         98104-7092
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ;
US-09-263-959-1166
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                                                             APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
TITLE OF INVENTION: SPH-0544
CURRENT APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 175
LENGHH: 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GENERAL INCORNATION:
APPLICANT: Hong Zhang
APPLICANT: Hong Zhang
APPLICANT: Jacqueline Wyatt
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
FILE REFERENCE: ISPH-0544
CURRENT APPLICATION NUMBER: US/09/651,346
PRIOR APPLICATION NUMBER: US/09/657,346
PRIOR FILING DATE: 2000-09-07
NUMBER OF SQ ID NOS: 175
SQ ID NO 66
LENGTH: 20
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APPLICANT: Rowen, Lee
APPLICANT: Rowen, Lee
APPLICANT: ROWEN, Lee
APPLICANT: ROSOP, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0.6%; Score 15.2; DB 1; Length 20; 85.0%; Pred. No. 1.4e+03; tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                    ) OTHER INFORMATION: Antisense Oligonucleotide US-09-800-631-49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       OTHER INFORMATION: Antisense Oligonucleotide
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Patent No. US20020150891A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            2342 AAAGTGCTGGGATTACAGGC 2361
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Patent No. US20020082228A1
Sequence 49, Application US/09800631
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ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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                      Patent No. US20020082228A1
GENERAL INFORMATION:
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Matches 17; Conserv
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                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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Sequence 139, Application US/09865866

Publication No. US20030045487A1

GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) FILE REPERENCE: RTS-0221

CURRENT APPLICATION NUMBER: US/09/865,866

CURRENT FILING DATE: 2001-05-25

NUMBER OF SEQ ID NOS: 173

SEQ ID NO 139

LENGTH: 20
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PEPLICANT: MOREL, LAURENCE
TITLE OF INVENTION: ISOLATION OF GENES WITHIN SLE-1B THAT MEDIATE A BREAK
TITLE OF INVENTION: ISOLATION OF GENES WITHIN SLE-1B THAT MEDIATE A BREAK
TITLE OF INVENTION: IN IMMUNE TOLERANCE
THE REPERENCE: "USD: 1220S
CURRENT APPLICATION UNMERR: US(99/860,836B
CURRENT PILING DATE: 2002-08-13
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0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels
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                                                                                                                          3; Indels
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Pred. No. 1.4e+03;
0; Mismatches 3; Indels
                                                                           Query Match

0.6%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: Antisense Oligonucleotide US-09-865-866-139
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; Sequence 33, Application US/09860836B; Publication No. US20030054002A1; GENERAL INFORMATION:
                                                                                                                                                                          2096 TTTTGAGACCGAGTCTTGCT 2115
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PRIOR APPLICATION NUMBER: 60/204,963
PRIOR FILING DATE: 2000-09-21
NUMBER OF SEQ ID NOS: 37
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1551 TTTGAAAGGGAAGAAACCCA 1570
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 2235 ACCACACCTGGCTAATTTTT 2254
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 85.0%;
Matches 17; Conservative
       OTHER INFORMATION: Primer
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo sapien
US-09-860-836B-33
                                                                                                                                                                                                                                                                                                                      US-09-865-866-139/c
            i Cines .... US-09-931-375A-21
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LENGTH: 20
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APPLICANT: GONG, Yacqin
APPLICANT: GONG, Yacqin
APPLICANT: GOLGE, Bjorn R.
APPLICANT: RAWADI, Georges
APPLICANT: RAWADI, Georges
TITLE OF INVENTION: REGULATOR GENE AND SYSTEM USEPUL FOR THE DIAGNOSIS AND THERAPY OF
TITLE OF INVENTION: OSTEOPOROSIS
FILE REFERENCE: 38464-0004
CURRENT APPLICATION NUMBER: US 60/331,375A
CURRENT APPLICATION NUMBER: US 60/34,851
PRIOR PPLICATION NUMBER: US 60/234,337
PRIOR PPLICATION NUMBER: US 60/234,337
PRIOR PPLICATION NUMBER: US 60/226,119
PRIOR APPLICATION NUMBER: US 60/226,119
PRIOR PILING DATE: 2000-09-12
PRIOR PILING DATE: 2000-09-18
PRIOR PILING DATE: 2000-09-18
NUMBER OF SEQ ID NOS: 89
SOFTWARE: PATENTIN VETSION 3.0
                                                                                                                                                                                                                                                                                                                                                                               Sequence 15, Application US/09985335
Publication No. US20020164794A1
GENERAL INFORMATION:
TITLE OF INVENTION: HUMAN CORD BLOOD DERIVED UNRESTRICTED SOMATIC STEM CELLS (USSC)
FILE REPERENCE: Pe6605U31
CURRENT PILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: U.S. 60/245,168
PRIOR APPLICATION NUMBER: U.S. 60/245,168
PRIOR PILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: Patentin version 3.2
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Pred. No. 1.4e+03;
0; Mismatches 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 21, Application US/09931375A Publication No. US20030027151A1 GENERAL INFORMATION:
                                                                                                                                                                                                               2107 AGTCTTGCTCTGTTACCCAG 2126
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     296 GGTGAGGAGCAGGCAAATGT 315
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: primer sequence US-09-985-335-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       1 GGTGAGGAGGCAGCAATGT 20
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ORGANISM: Artificial Sequence
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 0.6%;
Best Local Similarity 85.0%;
Matches 17; Conservative
                                                                                                                                         Best Local Similarity 85.0 Matches 17; Conservative
TYPE: nucleic acid
STRANDEDNESS: single
                                                  linear
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                                             ; TOPOLOGY: US-09-263-959-1274
                                                                                                                                                                                                                                                                                                                                                           US-09-985-335-15
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LENGTH: 20
                                                                                                                   Query Match
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US-09-908-147-150

Sequence 150, Application US/09908147

Sequence 150, Application US/09908147

Publication No. US20330144221A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION

TILE REFERENCE: RTS-0185

CURRENT APPLICATION NUMBER: US/09/908,147

CURRENT PILING DATE: 2001-07-17

NUMBER OF SEQ ID NOS: 168

SEQ ID NO 150

LENGTH: 20
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Fublication No. US20030119765A1
GENERAL INFORMATION:
APPLICANT: ACRAWAL, Sudir
APPLICANT: ACRAWAL, Sudir
APPLICANT: ACRAWAL, Sudir
APPLICANT: ACRAWAL, SUDIR
TITLE OF INVENTION: MD-M2-SPECIFIC ANTISENSE OLIGONUCLEOTIDES
FILE REFERENCE: 29224/88057C
CURRENT APPLICATION NUMBER: US/09/541,848
CURRENT APPLICATION NUMBER: US/09/541,848
FRIOR APPLICATION NUMBER: 09/033,507
FRIOR APPLICATION NUMBER: 09/033,507
FRIOR FILING DATE: 1999-08-26
FRIOR FILING DATE: 1999-08-26
FRIOR FILING DATE: 1997-08-22
NUMBER OF SEQ ID NOS: 51
SEQ ID NO 5:
LENGTH: 20
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                                                                                                                                                                                                   3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: Description of Artificial Sequence: OTHER INFORMATION: oligonucleotide M4
                                                                                                                                       Query Match

0.6%; Score 15.2; DB 1;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3;
                                                      , OTHER INFORMATION: Antisense Oligonucleotide US-09-953-318-98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Antisense Oligonucleotide US-09-908-147-150
                                                                                                                                                                                                                                                       2234 CACCACACCTGGCTAATTTT 2253
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                                                                                                                                                                                                                                                                                                           1 caccargccccccraarrrr 20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     20 ccrrcarcarcarcarcar
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ORGANISM: Artificial Sequence FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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        Sequence 150, Application US/0906158

Sequence 150, Application US/0906158

Publication No. US20030078217A1

GENERAL INPORMATION:

GENERAL INPORMATION:

GENERAL INPORMATION:

APPLICANT: Breat P. Monia

APPLICANT: Susan M. Freist

TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESS

FILE REFERENCE: RTS-0257

CURRENT APPLICATION NUMBER: US/09/906,158

CURRENT FILING DATE: 2001-07-14

NUMBER OF SEQ ID NOS: 168

SEQ ID NOS: 168

SEQ ID NOS: 168
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Publication No. US20030105036A1
GENERAL INFORMATION:
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: C. Frank Bennett
APPLICANT: BENNEW T. Watt
TITLE OF INVENTION: BENEBESION
FILE OF INVENTION: BENEBESION
FILE REPRENCE: RTS-0232
CURRENT FILING DATE: 2001-09-13
NUMBER OF SEQ ID NOS: 154
LENGTH: 20
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Publication No. US20030092650A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: C. FYEAR Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
TITLE OF INVENTION: ANTISENSE: US/09/967,669
CURRENT APPLICATION NUMBER: US/09/967,669
KUMBER OF SEQ ID NOS: 90
LENGTH: 20
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 0.6%; Score 15.2; DB 1; Length 20; Best Local Similarity 85.0%; Pred. No. 1.4e+03; Matches 17; Conservative 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-150
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        , OTHER INFORMATION: Antisense Oligonucleotide US-09-967-669-58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2141 GGTGATCTTGGCTCACTGCA 2160
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ORGANISM: Artificial Sequence
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-09-906-158-150/c
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*.e.u.CANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
CURRENT APPLICATION NUMBER: US/09/843,377
CURRENT FILING DATE: 2001-04-26
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 89
LENGTH: 20
TYPE. ****
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Publication No. US20030054371A1
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Wing, Vincent
APPLICANT: Wing, Vincent
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT PILING DATE: 2002-02-027
CURRENT PILING DATE: 1999-03-25
PRIOR FILING DATE: 1999-03-25
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0.6%; Score 15.2; DB 1; Length 20; 85.0%; Pred. No. 1.4e+03; tive 0; Mismatches 3; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 14, Application US/10014137

Publication No. US20020160487A1

GERREAL INFORMATION:

APPLICANT: Vee, David P

APPLICANT: Vee, David P

TITLE OF INVENTION: TESTIS-SPECIFIC TRANSCRIPTION FACTOR

FILE REPERENCE: 97-18

CURRENT FILING DATE: 2001-12-06

PRIOR FILING DATE: 1998-08-19

PRIOR PELICATION NUMBER: 09/137, 223

PRIOR PELICATION NUMBER: 09/056,130

PRIOR PELICATION NUMBER: 09/056,130

PRIOR PELICATION NUMBER: 09/056,130

PRIOR PELICATION NUMBER: 1997-08-19

SPIOR APPLICATION NUMBER: 1997-08-19

SPIOR APPLICATION NUMBER: 09/056,130

PRIOR PELICATION NUMBER: 1997-08-19

SEQ ID NO 14
                                                                                                                                                                                                                                                                                                                                                                                                                                    ; OTHER INFORMATION: Antisense Oligonucleotide US-09-843-377-89
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Oligonucleotide ZC14284
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                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA ORGANISM: Artificial Sequence
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Matches 17, Conservative
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US-0998-104
US-0998-104
Sequence 104, Application US/09964059B
Sequence 104, Application US/09964059B
Publication No: US20030171875A1
GENERAL INFORMATION:
TITLE OF INVENTION: Sequence Data
TITLE OF INVENTION: Sequence Data
FILE REPERENCE: 0201-0001
CURRENT APPLICATION NUMBER: US/09/964,059B
CURRENT FILING DATE: 2002-12-23
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
PRIOR FILING DATE: 2000-03-08
SEQ ID NO: SEQ ID NOS: 239
LENGTH: 20
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APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF INTERFERON GAMMA RECEPTOR 2 EXPRESSION
FILE REPERENCE: RTS-0235
CURRENT APPLICATION NUMBER: US/09/843,377
CURRENT PILING DATE: 2001-04-26
NUMBER OF SEQ ID NOS: 89
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                                                                                                                                           0.6%; Score 15.2; DB 1; Length 20; 85.0%; Pred. No. 1.4e+03; tive 0; Mismatches 3; Indel8
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0.6%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 1.4e+03;
Matches 17; Conservative 0; Mismatches 3; Indels
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                                                                                                                                                                                                                                                  2347 GCTGGGATTACAGGCATGAG 2366
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; Sequence 89, Application US/09843377
; Publication No. US20030176371A1
; PUBLICATION:
; APPLICANT: C. Frank Bennett
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 87, Application US/09843377; Publication No. US20030176371A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                      1 GCTGGGATTAAAGGCGTGCG 20
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                                                                                                                                             Query Match 0.6
Best Local Similarity 85.0
Matches 17; Conservative
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ORGANISM: Homo Sapiens
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LENGTH: 20
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Sequence 14, Application US/10222334
Publication No. US20030073116A1
GENERAL INFORMATION:
APPLICANT: Ginsburg, David
APPLICANT: Levy, Gallia
APPLICANT: Tevy, Gallia
APPLICANT: Tasi, Han-Mou
TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
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| Publication No. US20030054371A1
| Publication No. US20030054371A1
| Publication No. US20030054371A1
| Publication No. US20030054371A1
| APPLICANT: Wu, Paul
| APPLICANT: Wu, Paul
| APPLICANT: Gray, Gary, S.
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS
| TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS
| TITLE OF INVENTION: WOMBER: US/10/085, 906
| CURRENT FILING DATE: 2002-02-27
| PRIOR PPLICATION NUMBER: US 09/534,061
| PRIOR PILING DATE: 2000-03-24
| PRIOR PILING DATE: 2000-03-24
| PRIOR PILING DATE: 2000-03-24
| NUMBER OF SEQ ID NOS: 545
| SEQ ID NOS: 545
| LENGTH: 20
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PRIOR APPLICATION NUMBER: US 09/534,061
PRIOR FILING DATE: 2000-03-24
PRIOR PFLING DATE: 2000-03-24
NUMBER OF SEQ ID NOS: 545
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 314
LENGTH: 20
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CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 60/312,834
PRIOR FILING DATE: 2001-08-16
NUMBER OF SEQ ID NOS: 78
SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                     2122 CCCAGGCTGGAGTGCAGTGG 2141
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             2118 GTTACCCAGGCTGGAGTGCA 2137
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; ORGANISM: Homo sapiens
US-10-085-906-352
                                                                                                                                                                                                                     TYPE: DNA
CORGANISM: Homo sapiens
US-10-085-906-314
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APPLICANT: KURANE, RYUCHIRO
APPLICANT: KUNAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: KANAGAWA, TAKAHIRO
APPLICANT: YAWADA, KAZUTAKA
APPLICANT: YOYONAKU, TOYOKAZU
APPLICANT: KOYAMA, GARMU
APPLICANT: KOYAMA, GARMU
APPLICANT: KOYAMA, GARMU
APPLICANT: WOYONAKU, TOYOKAZU
APPLICANT: KOYAMA, GARMU
APPLICANT: WOYANTON: NUCLEIC ACID PROBES FOR THE METHOD FOR TARGET NUCLEIC ACID MOI
TITLE OF INVENTION: THE METHOD
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TITLE OF INVENTION: THE METHOD
TITLE OF INVENTION: WOMBER: US/09/725,265
FRIOR PELING DATE: 2000-10-20
FRIOR APPLICATION NUMBER: US 09/556,127
FRIOR APPLICATION NUMBER: US 09/556,127
FRIOR APPLICATION NUMBER: US 1999-111601
FRIOR PELING DATE: 1999-04-20
NUMBER OF SEQ ID NOS: 70
SOFTWARE: PATENT VERSION 3.1
SEQ ID NO 42
LENGTH: 20
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| Sequence 32, Application US/10293783
| Sequence 32, Application US/10293783
| Publication No. US2003013022A1
| FUBLICANT: Hong Zhang
| APPLICANT: Hong Zhang
| APPLICANT: Jacqueline Wyatt
| TILLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXPR
| FILE REPRENCE: ISPH-0544
| CURRENT APPLICATION NUMBER: US/10/293,783
| CURRENT FILING DATE: 2002-11-13
| PRIOR PILING DATE: 2001-03-07
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                                                                                                                                                                                                                     Length 20;
                                                                                                                                                                                                                                                                            Indels
                                                                                                                                                                                                                Score 15.2; DB 1;
Pred. No. 1.4e+03;
0; Mismatches 3;
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Publication No. US20030082592A1
GENERAL INFORMATION:
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                                                                                  ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-222-334-14
                                                                                                                                                                                                                     Query Match

Best Local Similarity 85.0%;
Matches 17; Conservative (
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SEQ ID NO 14
LENGTH: 20
TYPE: DNA
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